For Research Use Only

MCM5 Polyclonal antibody

Catalog Number: 11703-1-AP 20 Publications

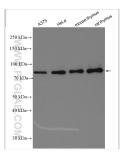


Size: GenelD (NCB): Accommended Dilutions: 150ul. Concentration: 700 ug/mL W 4174 WB 12000-116000 Nanodop: P3592 P3592 Source: P3592 Pabbit Full Name: Lootype: minichronosome maintenance protein Lyssie HI: C1: 20: 200 Immunogen Catalog Number: Calculated MM: B2 kDa Positive Controls: Ac2271 B2 kDa WB: A375 cells, Hela cells, Jurkat cells, moutistuse Ag2271 B2 kDa WB: A375 cells, Hela cells, Jurkat cells, moutistuse Ac2271 B2 kDa WB: A375 cells, Hela cells, Jurkat cells, moutistuse WB, HC, IF/ICC, IP, ELISA WB: A375 cells, Hela cells, Jurkat cells, moutistuse WB, HC, IF/ICC, IP, ELISA WB: A375 cells, Hela cells, Jurkat cells, moutistuse, et IP: Jurkat cells, moutistuse Subserved MW: B2-B8 kDa Background Information Minchromosome maintenance, S. Cerevisiae, homolog of S(MCMS), one component of the complex of MC/ which is the putative replicative e sesential for once per cell cyde DMA replication initiation and elongator eukavotic cells. The MCM complex from a hexameric ring through the interaction surfaces of two neighbor subunits. Notable Publications Nitchromosome maintenance, S. Cerevisiae, homolog of S(MCMS), one component of the complex of two neighbor subunits.	Basic Information	Catalog Number: 11703-1-AP	GenBank Accession Number: BC 000142		Purification Method: Antigen affinity purification	
WB, IHC, IF/ICC, IP, EUSA WB: A375 cells, HeLa cells, Jurkat cells, moutissue, rat thymus tissue Cited Applications: WB: A375 cells, HeLa cells, Jurkat cells, moutissue, rat thymus tissue Species Specificity: IP: Jurkat cells, human, mouse, rat IHC: human lymphoma tissue, Cited Species: IF/ICC: HeLa cells, human, mouse Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen IF/ICC: HeLa cells, Which is the putative replicative essential for once per cell cycle DNA replication initiation and elongator which is the putative replicative essential for once per cell cycle DNA replication initiation and elongator which is the putative replicative essential for once per cell cycle DNA replication surfaces of two neighbor Notable Publications Author Pubmed ID Journal Applicati Yi-Zhen Liu 29151950 J Cancer IHC Wandona Sheng 34162418 J Exp Clin Cancer Res IF, WB Storage: Storage Storage Mifer: PBS with 002% sodium azide and 50% glycerol pH 7.3.		Size: 150ul , Concentration: 700 ug/ml by Nanodrop; Source: Rabbit Isotype: IgG Immunogen Catalog Number:	GeneID (NCBI): 4174 UNIPROT ID: P33992 Full Name: minichromosom complex compo Calculated MW: 82 kDa Observed MW:		Recommended Dilutions: WB 1:2000-1:16000 IP 0.5-4.0 ug for 1.0-3.0 mg of tot protein lysate IHC 1:20-1:200	al
We, INC, IF/ICC, IF, ELISAN WB, INC, IF/ICC, IF, ELISAN WB, INC, IF/ICC, IF, ELISAN Cited Applications: tissue, 1375 cells, Hela cells, Jurkat cells, moutissue, itssue, rat thymus tissue WB, INC, IF/ICC, IP, ELISAN WB, INC, IF/ICC, IP, ELISAN WB, INC, IF/ICC, IP, ELISAN IP: Jurkat cells, Species Specificity: IP: Jurkat cells, human, mouse, rat IHC: human lymphoma tissue, Note-IHC: suggested antigen retrieval with IF/ICC: HeLa cells, TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Minichromosome maintenance, S. Cerevisiae, homolog of 5(MCM5), one component of the complex of MCI Which is the putative replicative essential for once per cell cycle DNA replication initiation and elongatior eukaryotic cells. The MCM complex form a hexameric ring through the interaction surfaces of two neighboo subunits. Notable Publications Author Pubmed ID Journal Applicati Yi-Zhen Liu 29151950 J Cancer IHC Waenchao Zhao 36428700 Cancers (Basel) IHC Xiaonan Sheng 34162418 J Exp Clin Cancer Res IF, WB Storage Storage Buffer: PRS with 0.02% sodium azide and 50% glycerol pH 7.3. <	oplications			Positive Co	ntrols:	
WB, IHC, IF, IP, CoIP, RIP IP: Jurkat cells, Species Specificity: IHC: human lymphoma tissue, human, mouse, rat IF/ICC: HeLa cells, Summar, mouse IF/ICC: HeLa cells, Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 IF/ICC: HeLa cells, Background Information Minichromosome maintenance, S. Cerevisiae, homolog of S(MCMS), one component of the complex of MCI which is the putative replicative essential for once per cell cycle DNA replication initiation and elongation eukaryotic cells. The MCM complex form a hexameric ring through the interaction surfaces of two neighbor subunits. Notable Publications Author Pubmed ID Journal Applicati Yi-Zhen Liu 29151950 J Cancer IHC Waona Sheng 34162418 J Exp Clin Cancer Res IF, WB Storage: Storage: Store at -20°C, Stable for one year after shipment. Store at -20°C, Stable for one year after shipment. Storage and 50% glycerol pH 7.3.	TT	WB: A375			-	
human, mouse, rat IH: inuman (ymphoma tissue, Cited Species: IF/ICC: HeLa cells, human, mouse Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Minichromosome maintenance, S. Cerevisiae, homolog of 5(MCM5), one component of the complex of MCI Background Information Minichromosome maintenance, S. Cerevisiae, homolog of 5(MCM5), one component of the complex of MCI which is the putative replicative essential for once per cell cycle DNA replication initiation and elongatior eukaryotic cells. The MCM complex form a hexameric ring through the interaction surfaces of two neighboo subunits. Notable Publications Author Pubmed ID Journal Applicati Yi-Zhen Liu 29151950 J Cancer IHC Wenchao Zhao 36428700 Cancers (Basel) IHC Xiaonan Sheng 34162418 J Exp Clin Cancer Res IF, WB Storage Storage Storage Storage PBS with 0.02% sodium azide and 50% glycerol pH 7.3.		WRINCIE DOD RIP				
Cited Species: human, mouse IF/ICC : HeLa cells, human, mouse Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information Minichromosome maintenance, S. Cerevisiae, homolog of 5(MCM5), one component of the complex of MCI which is the putative replicative essential for once per cell cycle DNA replication initiation and elongation eukaryotic cells. The MCM complex form a hexameric ring through the interaction surfaces of two neighbol subunits. Notable Publications Author Pubmed ID Journal Applicati Yi-Zhen Liu 29151950 J Cancer IHC Wenchao Zhao 36428700 Cancers (Basel) IHC Xiaonan Sheng 34162418 J Exp Clin Cancer Res IF, WB Storage Storage Buffer. PBS with 0.02% sodium azide and 50% glycerol pH 7.3.			IHC : human		lymphoma tissue,	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information Minichromosome maintenance, S. Cerevisiae, homolog of 5(MCM5), one component of the complex of MCI which is the putative replicative essential for once per cell cycle DNA replication initiation and elongatior eukaryotic cells. The MCM complex form a hexameric ring through the interaction surfaces of two neighbol subunits. Notable Publications Author Pubmed ID Journal Applicati MIC Yi-Zhen Liu 29151950 J Cancer IHC Wenchao Zhao 36428700 Cancers (Basel) IHC Xiaonan Sheng 34162418 J Exp Clin Cancer Res IF, WB Storage Storage: Storage Storage Suffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.		Cited Species: IF/ICC : HeLa cells,				
Motable Publications Author Pubmed ID Journal Applicati Yi-Zhen Liu 29151950 J Cancer IHC Wenchao Zhao 36428700 Cancers (Basel) IHC Xiaonan Sheng 34162418 J Exp Clin Cancer Res IF, WB Storage Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.		TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate				
Yi-Zhen Liu 29151950 J Cancer IHC Wenchao Zhao 36428700 Cancers (Basel) IHC Xiaonan Sheng 34162418 J Exp Clin Cancer Res IF, WB Storage: Storage: Storage at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3. PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Storage Name	ackground Information	Minichromosome maintenance, S. Cerevisiae, homolog of 5(MCM5), one component of the complex of MCM2-7, which is the putative replicative essential for once per cell cycle DNA replication initiation and elongation in eukaryotic cells. The MCM complex form a hexameric ring through the interaction surfaces of two neighboring subunits.				
Wenchao Zhao 36428700 Cancers (Basel) IHC Xiaonan Sheng 34162418 J Exp Clin Cancer Res IF, WB Storage: Storage at the shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3. PBS with 0.02% sodium azide and 50% glycerol pH 7.3.	Notable Publications	Author Pu	ıbmed ID	Journal	Application	1
Xiaonan Sheng 34162418 J Exp Clin Cancer Res IF, WB Storage: Storage: Storage at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.		Yi-Zhen Liu 29	9151950	J Cancer	IHC	
Storage: Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.		Wenchao Zhao 36	5428700	Cancers (Basel)	IHC	
Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.		Xiaonan Sheng 34	4162418	J Exp Clin Cancer F	Res IF, WB	
	torage	Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.				
Aliquoting is unnecessary for -20°C storage *** 20ul sizes contain 0.1% BSA	** 20ul sizes contain 0.1% BSA	Aliquoting is unnecessary for -20 $^{\circ}$ C	storage			

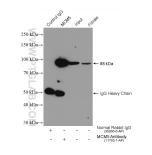
For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll freeE: proteintech@ptglab.comin USA), or 1(312) 455-8498 (outside USA)W: ptglab.com

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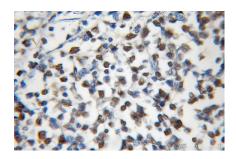
Selected Validation Data



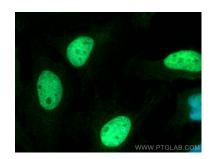
Various lysates were subjected to SDS PAGE followed by western blot with 11703-1-AP (MCM5 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP result of anti-MCM5 (IP:11703-1-AP, 4ug; Detection:11703-1-AP 1:4000) with Jurkat cells lysate 2400 ug.



Immunohistochemical analysis of paraffinembedded human lymphoma using 11703-1-AP (MCM5 antibody) at dilution of 1:100 (under 10x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MCM5 antibody (11703-1-AP) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).