For Research Use Only

ORAI1 Monoclonal antibody

Catalog Number:66223-1-lg 23 Publications

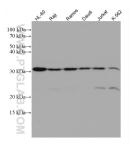
Antibodies | ELISA kits | Proteins www.ptglab.com

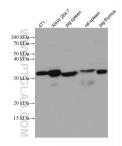
Basic Information	Catalog Number: 66223-1-lg	GenBank Accession M BC015369	lumber:	Purification Method: Protein A purification
	Size: 150ul , Concentration: 1900 ug/ml by	UNIPROT ID: Q96D31 Full Name: ORAI calcium release-activated calcium modulator 1 Calculated MW: 301 aa, 33 kDa		CloneNo.: 3C12F9
	Nanodrop and 1020 ug/ml by Bradford method using BSA as the standard;			Recommended Dilutions: WB 1:5000-1:30000 IF/ICC 1:400-1:1600
	Source: Mouse Isotype: IgG2a Immunogen Catalog Number: AG18050			
				Observed MW: 32 kDa
		Applications	Tested Applications:	Positive Co
WB, IF/ICC, ELISA Cited Applications: WB, IHC, IF			WB : HL-60 cells, 4T1 cells, A375 cells, RAW 264.7 cc pig spleen tissue, rat spleen tissue, pig thymus tiss Raji cells, Ramos cells, Daudi cells, Jurkat cells, K-5	
Species Specificity: human, mouse, rat, pig	Species Specificity: cells		urkat cells,	
	Cited Species: human, mouse, rat, monkey, bovine			
Background Informatio	human, mouse, rat, monkey, bovine Store-operated calcium channels (SO named CRACM1) is a critical molecul	ar component of SOCs an patients with a sev	s. Orai 1 proteir	us physiological processes. Orai 1 (also 1 is a 32-55 kDa plasma membrane proteir d immunodeficiency (SCID) syndrome
	human, mouse, rat, monkey, bovine Store-operated calcium channels (SO named CRACM1) is a critical molecul with 4 transmembrane domains. Hum possess point mutations in Orai1 gen	ar component of SOCs an patients with a sev e.	5. Orai1 proteir vere combinae	i is a 32-55 kDa plasma membrane proteir d immunodeficiency (SCID) syndrome
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	human, mouse, rat, monkey, bovine Store-operated calcium channels (SO named CRACM1) is a critical molecul with 4 transmembrane domains. Hum possess point mutations in Orai1 gen Author Pub Bingbing Zhang 329 Yu Chen 345	ar component of SOCs an patients with a sev e. med ID Journ 81726 J Dai 92660 Cell	s. Orai 1 proteir vere combinae nal ry Sci	nisa 32-55 kDa plasma membrane proteir d immunodeficiency (SCID) syndrome Application WB
Notable Publications	human, mouse, rat, monkey, bovine Store-operated calcium channels (SO named CRACM1) is a critical molecul with 4 transmembrane domains. Hum possess point mutations in Orai1 gen Author Pub Bingbing Zhang 329 Yu Chen 345	ar component of SOCs an patients with a sev e. med ID Journ 81726 J Dai 92660 Cell 09490 Oncc er shipment.	s. Orai 1 proteir vere combinae nal ry Sci Calcium	a is a 32-55 kDa plasma membrane protein d immunodeficiency (SCID) syndrome Application WB WB
Background Information Notable Publications Storage	human, mouse, rat, monkey, bovine Store-operated calcium channels (SO named CRACM1) is a critical molecul with 4 transmembrane domains. Hum possess point mutations in Orai1 gen Author Pub Bingbing Zhang 329 Yu Chen 345 Chunming Gu 361 Storage: Storage at -20°C. Stable for one year after Storage Buffer:	ar component of SOC: an patients with a seve e. med ID Journ 81726 J Dai 92660 Cell 09490 Oncc er shipment. % glycerol pH 7.3.	s. Orai 1 proteir vere combinae nal ry Sci Calcium	a is a 32-55 kDa plasma membrane protein d immunodeficiency (SCID) syndrome Application WB WB

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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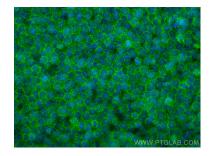
Selected Validation Data





Various lysates were subjected to SDS PAGE followed by western blot with 66223-1-lg (ORAl 1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.

Various lysates were subjected to SDS PAGE followed by western blot with 66223-1-1g (ORAl 1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using ORAI1 antibody (66223-1-Ig, Clone: 3C12F9) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).