

For Research Use Only

MED4 Monoclonal antibody, PBS Only

Catalog Number: 67839-1-PBS



Basic Information

Catalog Number: 67839-1-PBS	GenBank Accession Number: BC005189	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 29079	CloneNo.: 2E6F4
Source: Mouse	UNIPROT ID: Q9NPJ6	
Isotype: IgG2a	Full Name: mediator complex subunit 4	
Immunogen Catalog Number: AG8562	Calculated MW: 270 aa, 30 kDa	
	Observed MW: ~36 kDa	

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

Species Specificity:
Human, Mouse, rat

Background Information

MED4 is a component of the Mediator complex, which is a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. It also have an alternative name called "Activator-recruited cofactor 36 kDa component (ARC36)".

Storage

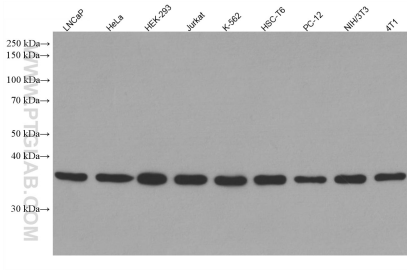
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

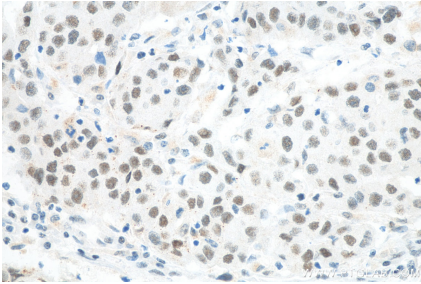
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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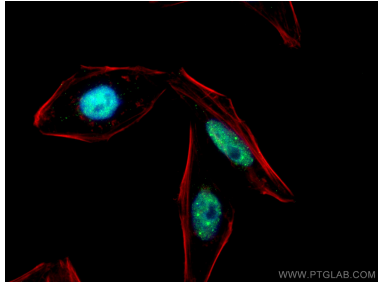
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67839-1-Ig (MED4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67839-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67839-1-Ig (MED4 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67839-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using MED4 antibody (67839-1-Ig, Clone: 2E6F4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). DAPI (Blue). This data was developed using the same antibody clone with 67839-1-PBS in a different storage buffer formulation.