

For Research Use Only

EMB Recombinant monoclonal antibody

Catalog Number: 86946-1-RR



Basic Information

Catalog Number: 86946-1-RR	GenBank Accession Number: NM_198449.3	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 133418	CloneNo.: 251953E3
Source: Rabbit	UNIPROT ID: Q6PCB8	Recommended Dilutions: WB: 1:1000-1:4000 IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: embigin homolog (mouse)	
Immunogen Catalog Number: EG6407	Calculated MW: 37 kDa	
	Observed MW: 60-75 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HEK-293T cells, Jurkat cells, MCF-7 cells, LNCaP cells IF/ICC : Jurkat cells,

Background Information

EMB, also named as Embigin, is a 327 amino acid protein, which contains two Ig-like V-type (immunoglobulin-like) domains. EMB as a membrane protein may function as a regulator of cell/ECM interactions during development and in the homeostasis of normal adult tissues. EMB is a transmembrane glycoprotein with a protein component of 34 kDa, but western blot analysis of embigin in mouse soleus muscles detects a glycosylated full-length protein with an molecular mass of 70 kDa.(PMID: 19164284)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

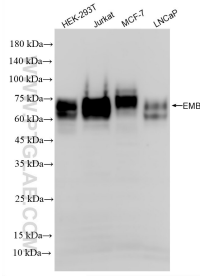
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

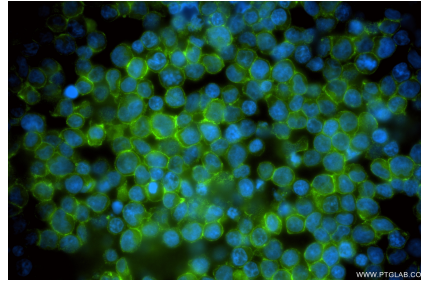
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86946-1-RR (EMB antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using EMB antibody (86946-1-RR, Clone: 25195E3) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).