

For Research Use Only

Dermatopontin Monoclonal antibody, PBS Only



Catalog Number: 66348-1-PBS

Basic Information

Catalog Number: 66348-1-PBS	GenBank Accession Number: BC033736	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1805	CloneNo.: 4B1A12
Source: Mouse	UNIPROT ID: Q07507	
Isotype: IgG2b	Full Name: dermatopontin	
Immunogen Catalog Number: AG6200	Calculated MW: 22 kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications:
WB, IF, Indirect ELISA

Species Specificity:
human, rat

Background Information

DPT (dermatopontin) is an extracellular matrix protein belonging to the dermatopontin family. Skin appears to be the richest source of dermatopontin, comprising about 15 mg/kg of the wet weight. Expression of dermatopontin is not limited to connective tissue, as investigations show that dermatopontin mRNA is expressed in cultured fibroblasts, muscle, heart, pancreas, and lung. Dermatopontin comprises a considerable proportion of the noncollagenous extracellular matrix proteins. It is involved in promotion of cellular adhesion, extracellular matrix assembly, wound healing, and positive modification of the inhibition activity of TGF-beta1.

Storage

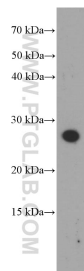
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

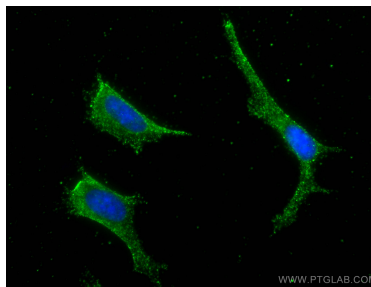
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



rat skin tissue were subjected to SDS PAGE followed by western blot with 66348-1-Ig (Dermatopontin antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66348-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using Dermato-pontin antibody (66348-1-Ig, Clone: 4B1A12) at dilution of 1:800 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66348-1-PBS in a different storage buffer formulation.