

For Research Use Only

Dermatopontin Monoclonal antibody



Catalog Number: 66348-1-Ig

Basic Information

Catalog Number: 66348-1-Ig	GenBank Accession Number: BC033736	Purification Method: Protein A purification
Size: 150ul , Concentration: 1700 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1805	CloneNo.: 4B1A12
Source: Mouse	Full Name: dermatopontin	Recommended Dilutions: WB 1:500-1:2000 IF 1:400-1:1600
Isotype: IgG2b	Calculated MW: 22 kDa	
Immunogen Catalog Number: AG6200	Observed MW: 26 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : rat skin tissue, human testis tissue
Species Specificity: human, rat	IF : SH-SY5Y cells,

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

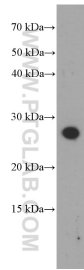
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

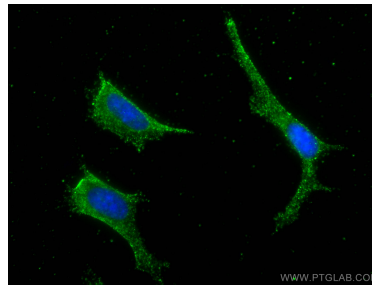
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



rat skin tissue were subjected to SDS PAGE followed by western blot with 66348-1-Ig (Dermato pontin antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).