

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: 1700 µg/ml	GeneID (NCBI): 1805	CloneNo.: 4B1A12
Source: Mouse	UNIPROT ID: Q07507	Recommended Dilutions: WB 1:500-1:2000 IF 1:400-1:1600
Isotype: IgG2b	Full Name: dermatopontin	
Immunogen Catalog Number: AG6200	Calculated MW: 22 kDa	
	Observed MW: 26 kDa	

Applications

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

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

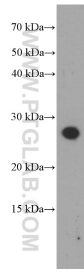
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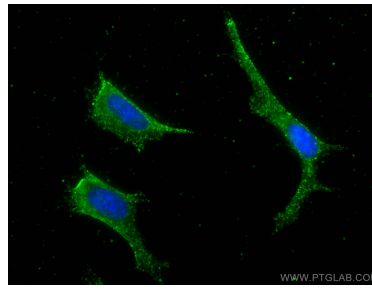
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Selected Validation Data



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).