Dermatopontin Monoclonal antibody, PBS Only

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Catalog Number:66348-1-PBS

Basic Information

Catalog Number: 66348-1-PBS	**GenBank Accession Number:** BC033736	**Purification Method:** Protein A purification
Size: 1 mg/ml	**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,Indirect ELISA,IF

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.
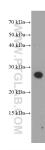
Storage

Storage:
Store at -80℃.
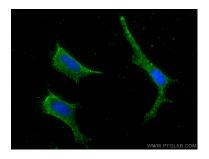The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS Only

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 Dermatopontin 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.