

# Dermatopontin Monoclonal antibody

Catalog Number: 66348-1-Ig

1 Publications

## Basic Information

Catalog Number:

66348-1-Ig

Size:

1700 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG6200

GenBank Accession Number:

BC033736

GeneID (NCBI):

1805

UNIPROT ID:

Q07507

Full Name:

dermatopontin

Calculated MW:

22 kDa

Observed MW:

26 kDa

Purification Method:

Protein A purification

CloneNo.:

4B1A12

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:400-1:1600

## Applications

Tested Applications:

IF/ICC, WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, rat

Cited Species:

human

Positive Controls:

WB : rat skin tissue, human testis tissue

IF/ICC : 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Peng Xu	38300311	J Cancer Res Clin Oncol	WB,IF

## 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

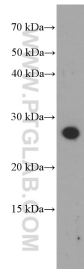
For technical support and original validation data for this product please contact:

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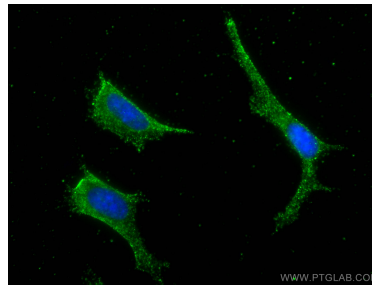
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## Selected Validation Data



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).