

CDSN Recombinant monoclonal antibody

Catalog Number: 85384-2-RR

Basic Information

Catalog Number: 85384-2-RR	GenBank Accession Number: NM_001264.5	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1041	CloneNo.: 261055C11
Source: Rabbit	UNIPROT ID: Q15517	Recommended Dilutions: WB: 1:2000-1:10000 IHC: 1:500-1:2000
Isotype: IgG	Full Name: corneodesmosin	
Immunogen Catalog Number: EG10164	Calculated MW: 52 kDa	
	Observed MW: 55-65 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse skin tissue, rat skin tissue
	IHC : human skin cancer tissue,

Note-IHC: suggested antigen retrieval with **TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Background Information

CDSN, also named as S protein, is important for the epidermal barrier integrity. CDSN is a unique extracellular 52- to 56-kDa glycoprotein found in corneodesmosomes. Pathogenic mutations in CDSN have been linked in humans to genodermatoses affecting both the hair follicle and the epidermis. Inflammatory peeling skin syndrome is caused a novel mutation in CDSN.

Storage

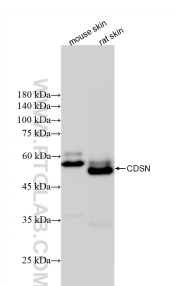
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

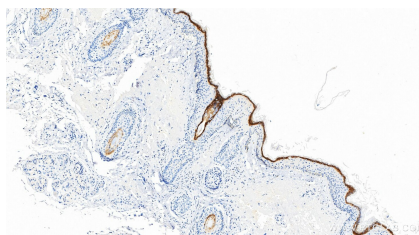
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

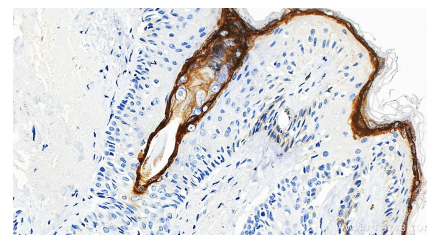
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85384-2-RR (CDSN antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 85384-2-RR (CDSN antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 85384-2-RR (CDSN antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).