

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
Source: Rabbit	GeneID (NCBI): 1041	CloneNo.: 261055C11
Isotype: IgG	UNIPROT ID: Q15517	Recommended Dilutions: WB: 1:2000-1:10000 IHC: 1:500-1:2000
Immunogen Catalog Number: EG10164	Full Name: corneodesmosin	
	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
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human skin cancer tissue,

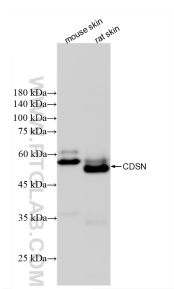
Background Information

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.

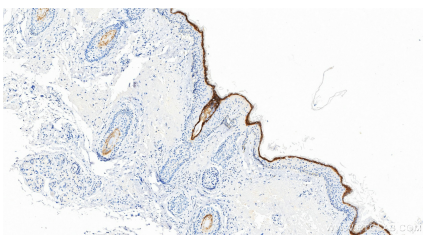
Storage

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

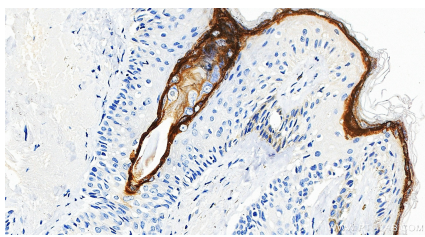
Selected Validation Data



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).