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CDSN Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CDSN.
Catalog # AT1486a

Product Information

Application	WB, E
Primary Accession	Q15517
Other Accession	NM_001264
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	6F11
Calculated MW	51607

Additional Information

Gene ID	1041
Other Names	Corneodesmosin, S protein, CDSN
Target/Specificity	CDSN (NP_001255, 306 a.a. ~ 355 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	CDSN Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

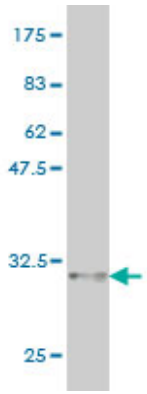
This gene encodes a protein found in corneodesmosomes, which localize to human epidermis and other cornified squamous epithelia. During maturation of the cornified layers, the protein undergoes a series of cleavages, which are thought to be required for desquamation. The gene is located in the major histocompatibility complex (MHC) class I region on chromosome 6.

References

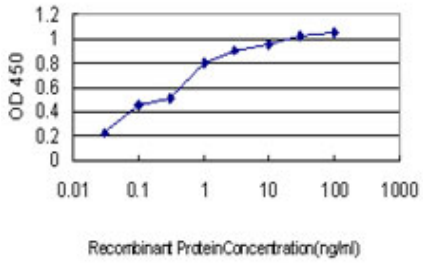
Loss of corneodesmosin leads to severe skin barrier defect, pruritus, and atopy: unraveling the peeling skin disease. Oji V, et al. Am J Hum Genet, 2010 Aug 13. PMID 20691404.A new amyloidosis caused by fibrillar aggregates of mutated corneodesmosin. Caubet C, et al. FASEB J, 2010 Sep. PMID 20448140.Common

genetic variation and the control of HIV-1 in humans. Fellay J, et al. PLoS Genet, 2009 Dec. PMID 20041166.High-density SNP screening of the major histocompatibility complex in systemic lupus erythematosus demonstrates strong evidence for independent susceptibility regions. Barcellos LF, et al. PLoS Genet, 2009 Oct. PMID 19851445.Fine mapping of the psoriasis susceptibility locus PSORS1 supports HLA-C as the susceptibility gene in the Han Chinese population. Fan X, et al. PLoS Genet, 2008 Mar 21. PMID 18369457.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (31.24 KDa) .



Detection limit for recombinant GST tagged CDSN is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.