10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CDSN Antibody (monoclonal) (M01)

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

Specification

CDSN Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	Q15517
Other Accession	NM_001264
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**51607**

CDSN Antibody (monoclonal) (M01) - 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

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.

CDSN Antibody (monoclonal) (M01) - Protocols

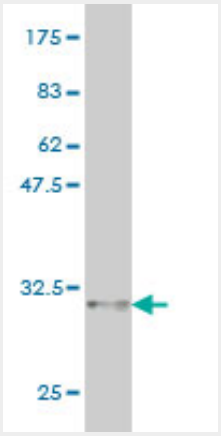
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

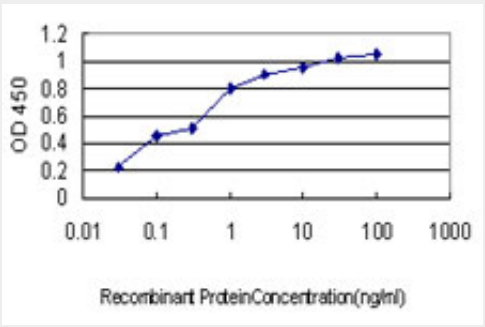
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CDSN Antibody (monoclonal) (M01) - 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.

CDSN Antibody (monoclonal) (M01) - 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.

CDSN Antibody (monoclonal) (M01) - 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.