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CD96 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant CD96.
Catalog # AT1450a

Specification

CD96 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	P40200
Other Accession	BC020749
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**65634**

CD96 Antibody (monoclonal) (M01) - Additional Information

Gene ID 10225

Other Names
T-cell surface protein tactile, Cell surface antigen CD96, T cell-activated increased late expression protein, CD96, CD96

Target/Specificity
CD96 (AAH20749, 1 a.a. ~ 402 a.a) full-length 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
CD96 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

CD96 Antibody (monoclonal) (M01) - Protocols

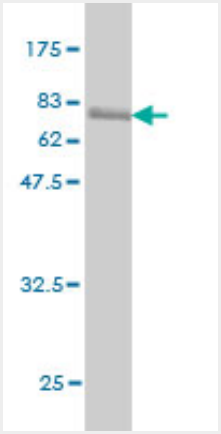
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

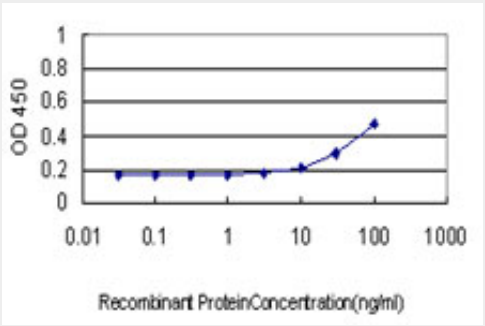
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CD96 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (69.96 KDa) .



Detection limit for recombinant GST tagged CD96 is approximately 3ng/ml as a capture antibody.

CD96 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene belongs to the immunoglobulin superfamily. It is a type I membrane protein. The protein may play a role in the adhesive interactions of activated T and NK cells during the late phase of the immune response. It may also function in antigen presentation. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.

CD96 Antibody (monoclonal) (M01) - References

New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496.CD96 interaction with CD155 via its first Ig-like domain is modulated by alternative splicing or mutations in distal Ig-like domains. Meyer D, et al. J Biol Chem, 2009 Jan 23. PMID 19056733.Mutations in CD96, a member of the immunoglobulin superfamily, cause a form of the C (Opitz trigonocephaly) syndrome. Kaname T, et al. Am J Hum Genet, 2007 Oct. PMID 17847009.CD96 is a leukemic stem cell-specific marker in human acute myeloid leukemia. Hosen N, et al. Proc Natl Acad Sci U S A, 2007 Jun 26. PMID 17576927.Cutting edge: CD96 (tactile) promotes NK cell-target cell adhesion by interacting with the poliovirus receptor (CD155). Fuchs A, et al. J Immunol, 2004 Apr 1. PMID 15034010.