

# CD96 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant CD96.

Catalog # AT1450a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P40200</a>
<b>Other Accession</b>	<a href="#">BC020749</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	3H8
<b>Calculated MW</b>	65634

## Additional Information

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<b>Gene ID</b>	10225
<b>Other Names</b>	T-cell surface protein tactile, Cell surface antigen CD96, T cell-activated increased late expression protein, CD96, CD96
<b>Target/Specificity</b>	CD96 (AAH20749, 1 a.a. ~ 402 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	CD96 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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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.

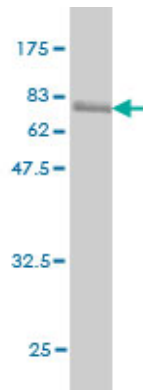
## References

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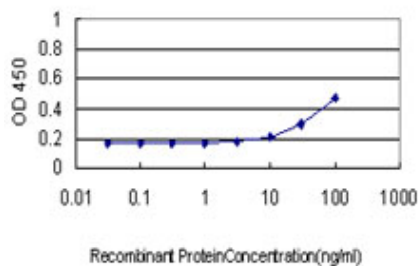
New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496.CD96 interaction with CD155 via its first Ig-like domain is modulated by

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.

## 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.

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