CD96 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD96, Monoclonal Antibody
Full Product Name	Anti-Human CD96 Antibody (BA072), PE
Product Gene Name	anti-CD96 antibody
Product Synonym Names	Cell surface antigen CD96; T cell-activated increased late expression protein; CD96; T-cell surface protein tactile
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	BA072
Host	Mouse
Species Reactivity	Human
Form/Format	Liquid; 0.01M PBS, pH 7.4, 0.2% BSA, 0.05% Proclin 300.
Concentration	0.5mg/ml (lot specific)
Preparation and Storage	Store at 4 degree C for 12 months. Protect from light. Do not freeze.
Molecular Weight	63,888 Da
OMIM	M88282 mRNA
3D Structure	ModBase 3D Structure for P40200
Conjugation	PE
Product Categories/Family for anti-CD96 antibody	Super-Affinity Antibodies; Flow Cytometry Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CD96 antibody	Flow Cytometry (FC/FACS/FCM)
Related Product Information for anti-CD96 antibody	MBS1584134 is an antibody targeting CD96. Also known as Anti-Human CD96 Antibody (BA072), PE. Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-CD96 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD96. It may not necessarily be applicable to this product.

NCBI GI #	161784352
NCBI GeneID	10225
NCBI Accession #	P40200.2
UniProt Primary Accession #	P40200
UniProt Secondary Accession #	Q5JPB3

UniProt Related Accession #	P40200
NCBI Official Full Name	T-cell surface protein tactile
NCBI Official Synonym Full Names	CD96 molecule
NCBI Official Symbol	CD96
NCBI Official Synonym Symbols	TACTILE
UniProt Protein Name	T-cell surface protein tactile
UniProt Synonym Protein Names	Cell surface antigen CD96; T cell-activated increased late expression protein; CD_antigen: CD96
Protein Family	T-cell surface protein tactile
UniProt Gene Name	CD96
NCBI Protein Information	T-cell surface protein tactile
NCBI Summary for CD96	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 generates multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jan 2016]
UniProt Comments for CD96	May be involved in adhesive interactions of activated T and NK cells during the late phase of the immune response. Promotes NK cell-target adhesion by interacting with PVR present on target cells. May function at a time after T and NK cells have penetrated the endothelium using integrins and selectins, when they are actively engaging diseased cells and moving within areas of inflammation.
Research Articles on CD96	**1.** Blocking CD96 or TIGIT with mAbs has been shown to improve tumor control in mice.
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