

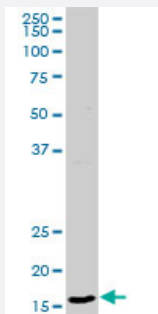
MaxPab®

CD99 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004267-D01P

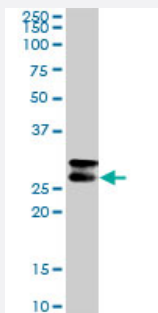
Size 100 ug

Applications



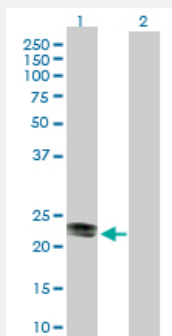
Western Blot (Tissue lysate)

CD99 MaxPab rabbit polyclonal antibody. Western Blot analysis of CD99 expression in mouse spleen.



Western Blot (Cell lysate)

CD99 MaxPab rabbit polyclonal antibody. Western Blot analysis of CD99 expression in Jurkat.



Western Blot (Transfected lysate)

Western Blot analysis of CD99 expression in transfected 293T cell line ([H00004267-T01](#)) by CD99 MaxPab polyclonal antibody.

Lane 1: CD99 transfected lysate(18.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human CD99 protein.

Immunogen	CD99 (NP_002405.1, 1 a.a. ~ 185 a.a) full-length human protein.
Sequence	MARGAALALLLFGLLGVLVAAPDGGFDLSDALPDNENKKPTAIPKKPSAGDDFDLGDVVDGEN DDPRPPNPPKMPNPNPNHPSSSGSFSDADLADGVSGGEGKGGSDGGGSHRKEGEEADAPG VIPGMGAVVVAVAGAISSFIAYQKKKLCFKENAEQGEVDMESHNRNANAEPVQRTLLEK
Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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CD99 MaxPab rabbit polyclonal antibody. Western Blot analysis of CD99 expression in Jurkat.

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Gene Info — CD99

Entrez GeneID	4267
GeneBank Accession#	NM_002414.3
Protein Accession#	NP_002405.1
Gene Name	CD99

Gene Alias	MIC2, MIC2X, MIC2Y
Gene Description	CD99 molecule
Omim ID	313470 450000
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cell surface glycoprotein involved in leukocyte migration, T-cell adhesion, ganglioside GM1 and transmembrane protein transport, and T-cell death by a caspase-independent pathway. In addition, the encoded protein may have the ability to rearrange the actin cytoskeleton and may also act as an oncosuppressor in osteosarcoma. Cyclophilin A binds to CD99 and may act as a signaling regulator of CD99. This gene is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	CD99 antigen E2 antigen MIC2 (monoclonal antibody 12E7) OTTHUMP00000022840 T-cell surface glycoprotein E2 antigen identified by monoclonal 12E7, Y homolog antigen identified by monoclonal antibodies 12E7, F21 and O13 surface antigen MIC2

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)