

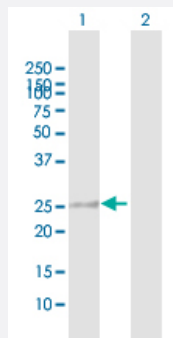
MaxPab®

CD8B MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000926-D01

Size 100 uL

Applications

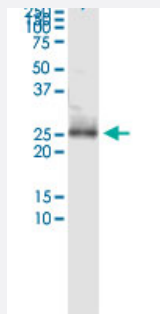


Western Blot (Transfected lysate)

Western Blot analysis of CD8B expression in transfected 293T cell line ([H00000926-T02](#)) by CD8B MaxPab polyclonal antibody.

Lane 1: CD8B transfected lysate(27.20 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of CD8B transfected lysate using anti-CD8B MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with CD8B purified MaxPab mouse polyclonal antibody (B01P) ([H00000926-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human CD8B protein.

Immunogen

CD8B (NP_757362.1, 1 a.a. ~ 243 a.a) full-length human protein.

Sequence

MRPRLWLLAAQLTVLHGNSVLQQTPAYIKVQTNKMVMLSCEAKISLSNMRIYWLQRQAPSSDS
HHEFLALWDSAKGTIHGEEVEQEKIIVFRDASRFILNLTSPKPEDSGMYFCMVGSPELTFGKGTQL
SVVDFLPTTAQPTKKSTLKKRVCRLRPETQKGPLCSPITLGLLVAGVLVLLVSLGVAIHLCCRRR
RARLRFMKQPQGEGISGTFVPQCLHGYYSNTTTSQKLLNPWILKT

Host

Rabbit

Reactivity

Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — CD8B

Entrez GeneID	926
GeneBank Accession#	NM_172213
Protein Accession#	NP_757362.1
Gene Name	CD8B
Gene Alias	CD8B1, LYT3, Leu2, Ly3, MGC119115
Gene Description	CD8b molecule
Omim ID	186730
Gene Ontology	Hyperlink

Gene Summary

The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen, acting as a coreceptor, and the T-cell receptor on the T lymphocyte recognize antigen displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional coreceptor is either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 beta chain isoforms. Multiple alternatively spliced transcript variants encoding distinct membrane associated or secreted isoforms have been described. A pseudogene, also located on chromosome 2, has been identified. [provided by RefSeq]

Other Designations

CD8 antigen, beta polypeptide (p37)|CD8 antigen, beta polypeptide 1 (p37)|CD8b antigen|OTTHUMP00000160761|T lymphocyte surface glycoprotein beta chain|T-cell surface glycoprotein CD8 beta chain

Pathway

- [Antigen processing and presentation](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Hematopoietic cell lineage](#)
- [Primary immunodeficiency](#)
- [T cell receptor signaling pathway](#)

Disease

- [Tobacco Use Disorder](#)