

DNAxPAb

Hard-to-Find  
Antibody

# CD8B DNAxPab

Catalog # H00000926-W01P

Size 200 ug

## Specification

**Product Description** Rabbit polyclonal antibody raised against a full-length human CD8B DNA using DNAx™ Immune technology.

**Technology** [DNAx™ Immune](#)

**Immunogen** Full-length human DNA

**Sequence** MRPRLWLLAAQLTVLHGNSVLQQTPAYIKVQTNKMVMLSCEAKISLSNMRIWLRQRQAPSSDS  
HHEFLALWDSAKGTIHGEEVEQEKIAVFRDASRFILNLTSVKPEDSGMYFCMVGSPELTFGKGTQL  
SVVDFLPTTAQPTKKSTLKKRVCRLRPETQKGPLCSPITLGLLVAGVLVLLVSLGVAIHLCCRRR  
RARLRFMKQPQGEGISGTFVPQCLHGYYSNTTTSQKLLNPWILKT

**Host** Rabbit

**Reactivity** Human

**Purification** Protein A

**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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — CD8B

Entrez GeneID [926](#)

GeneBank Accession# [NM\\_172213.2](#)

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](#)