

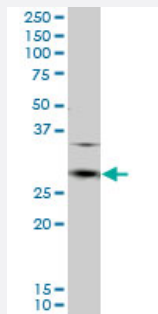
MaxPab®

CD8A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000925-B01P

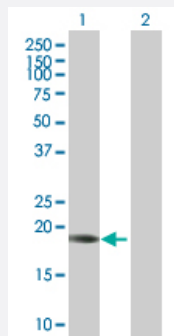
Size 50 ug

Applications



Western Blot (Tissue lysate)

CD8A MaxPab polyclonal antibody. Western Blot analysis of CD8A expression in human spleen.



Western Blot (Transfected lysate)

Western Blot analysis of CD8A expression in transfected 293T cell line ([H00000925-T01](#)) by CD8A MaxPab polyclonal antibody.

Lane 1: CD8A transfected lysate(25.85 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CD8A protein.
Immunogen	CD8A (AAH25715.1, 1 a.a. ~ 235 a.a) full-length human protein.
Sequence	MALPVTALLPLALLLHAARPSQFRVSPLDRTWNLGETVELKCQVLLSNPTSGCSWLFQPRGAA ASPTFLLYLSQNKPKAAEGLDTQRFSGKRLGDTFVLTLSDFRRENEGCYFCSALSNSIMYFSHFV PVFLPAKPTTTPAPRPPTPAPTIASQPLSLRPEACRPAAGGAVHTRGLDFACDIYWAPLAGTCGV LLLSLVITLYCNHRNRRRVCKCPRPVVKS GDKPSLSARYV
Host	Mouse
Reactivity	Human

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)

CD8A MaxPab polyclonal antibody. Western Blot analysis of CD8A expression in human spleen.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CD8A expression in transfected 293T cell line ([H00000925-T01](#)) by CD8A MaxPab polyclonal antibody.

Lane 1: CD8A transfected lysate(25.85 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — CD8A

Entrez GeneID	925
GeneBank Accession#	BC025715
Protein Accession#	AAH25715.1
Gene Name	CD8A
Gene Alias	CD8, Leu2, MAL, p32
Gene Description	CD8a molecule
Omim ID	186910 608957
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 acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains, or as 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 alpha chain isoforms. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

CD8 antigen alpha polypeptide|CD8 antigen, alpha polypeptide (p32)|Leu2 T-lymphocyte antigen|OKT8 T-cell antigen|T cell co-receptor|T-cell antigen Leu2|T-cell surface glycoprotein CD8 alpha chain|T-lymphocyte differentiation antigen T8/Leu-2|T8 T-cell ant

Pathway

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