

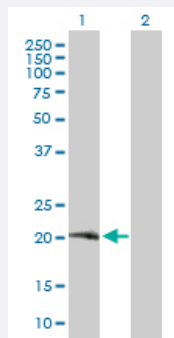
MaxPab®

CD8A purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000925-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CD8A expression in transfected 293T cell line ([H00000925-T02](#)) by CD8A MaxPab polyclonal antibody.

Lane 1: CD8A transfected lysate(25.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit 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	MALPVTALLPLALLHAARPSQFRVSPLDRTWNLGETVELKCQVLLSNPTSGCSWLFQPRGAA ASPTFLLYLSQNKPKAAEGLDTQRFSGKRLGDTFVLTLSDFRRENEGCYFCSALSNSIMYFSHFV PVFLPAKPTTTPAPRPPTPAPTASQPLSLRPEACRPAAGGAVHTRGLDFACDIYWAPLAGTCGV LLLSLVITLYCNHRNRRRVCKCPRPVVKSGDKPSLSARYV
Host	Rabbit
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

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[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

Publication Reference

- [Scalable generation of functional human iPSC-derived CAR-macrophages that efficiently eradicate CD19-positive leukemia.](#)

Shifaa M Abdin, Daniela Paasch, Arnold Kloos, Marco Carvalho Oliveira, Mi-Sun Jang, Mania Ackermann, Andriana Stamopoulou, Philipp J Mroch, Christine S Falk, Constantin S von Kaisenberg, Axel Schambach, Michael Heuser, Thomas Moritz, Gesine Hansen, Michael Morgan, Nico Lachmann.

Journal for Immunotherapy of Cancer 2023 Dec; 11(12):e007705.

Application: WB, Human, Human induced pluripotent stem cell

Pathway

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