

Datasheet

CD8A polyclonal antibody

Catalog Number: PAB2495

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of CD8A.

Immunogen: A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human CD8A.

Host: Rabbit

Reactivity: Human

Applications: IHC-P, WB-Ce, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Protein A purification

Recommend Usage: Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 925

Gene Symbol: CD8A

Gene Alias: CD8, Leu2, MAL, p32

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 corepressor 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]

References:

1. Generation of mouse models of lymphoid neoplasm using retroviral gene transduction of in vitro-induced germinal center B and T cells. Arita K, Maeda-Kasugai Y, Ohshima K, Tsuzuki S, Suguro-Katayama M, Karube K, Yoshida N, Sugiyama T, Seto M Exp Hematol. 2013 Apr 9. pii: S0301-472X(13)00123-9. doi: 10.1016/j.exphem.2013.04.001.
2. CD8+FOXP3+T cells from renal transplant recipients in quiescence induce immunoglobulin-like transcripts-3 and -4 on dendritic cells from their respective donors. Zhou H, Wang ZD, Zhu X, You Y, Zou P. Transplant Proc. 2007 Dec;39(10):3065-7.
3. CD8+ T cells contribute to macrophage accumulation and airspace enlargement following repeated irritant exposure. Borchers MT, Wesselkamper SC, Harris NL, Deshmukh H, Beckman E, Vitucci M, Tichelaar JW, Leikauf GD. Exp Mol Pathol. 2007 Dec;83(3):301-10. Epub 2007 Sep 26.