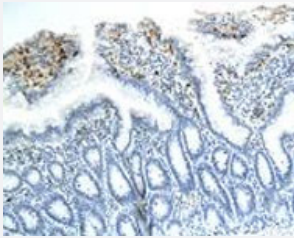


CD8A polyclonal antibody

Catalog # PAB16612 Size 100 ug

Applications



Immunohistochemistry

Immunohistochemical analysis of CD8A expressing mouse ovarian vascular endothelial cells. CD8A polyclonal antibody (Cat ID # PAB16612) was used as primary antibody, dilution 1 : 200.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic protein of CD8A.
Immunogen	Synthetic protein corresponding to CD8A.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Lyophilized
Purification	Protein G purification
Recommend Usage	ELISA (1-2 ug/mL) Immunohistochemistry (2-10 ug/mL) Western Blot (2-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS, pH 7.4.
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with PBS pH 7.4 or other diluents (such as distilled water), store at 2-8°C for one month, or at -20°C for six months without detectable loss of activity. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry

Immunohistochemical analysis of CD8A expressing mouse ovarian vascular endothelial cells. CD8A polyclonal antibody (Cat ID # PAB16612) was used as primary antibody, dilution 1 : 200.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CD8A

Entrez GeneID	925
Protein Accession#	P01732
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

- [Chimeric apoptotic bodies functionalized with natural membrane and modular delivery system for inflammation modulation.](#)

Geng Dou, Ran Tian, Xuemei Liu, Pingyun Yuan, Qianwen Ye, Jin Liu, Siying Liu, Jun Zhou, Zhihong Deng, Xin Chen, Shiyu Liu, Yan Jin.

Science Advances 2020 Jul; 6(30):eaba2987.

Application: WB-Ce, Mouse, Mouse chimeric apoptotic bodies

- [Dendritic cell migration limits the duration of CD8+ T-cell priming to peripheral viral antigen.](#)

Schell AM, Granger EL, Koczot F, Fischer MA, Norbury CC.

Journal of Virology 2010 Jan; 84(7):3586.

- [Recombinant yellow fever vaccine virus 17D expressing simian immunodeficiency virus SIVmac239 gag induces SIV-specific CD8+ T-cell responses in rhesus macaques.](#)

Bonaldo MC, Martins MA, Rudersdorf R, Mudd PA, Sacha JB, Piaskowski SM, Costa Neves PC, Veloso de Santana MG, Vojnov L, Capuano S 3rd, Rakasz EG, Wilson NA, Fulkerson J, Sadoff JC, Watkins DI, Galler R.

Journal of Virology 2010 Jan; 84(7):3699.

- [Extralymphoid CD8+ T cells resident in tissue from simian immunodeficiency virus SIVmac239{Delta}nef-vaccinated macaques suppress SIVmac239 replication ex vivo.](#)

Greene JM, Lhost JJ, Burwitz BJ, Budde ML, Macnair CE, Weiker MK, Gostick E, Friedrich TC, Broman KW, Price DA, O'Connor SL, O'Connor DH.

Journal of Virology 2010 Jan; 84(7):3362.

Pathway

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