

CD8 Antibody

Catalog No: #47992

Package Size: #47992-1 50ul #47992-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

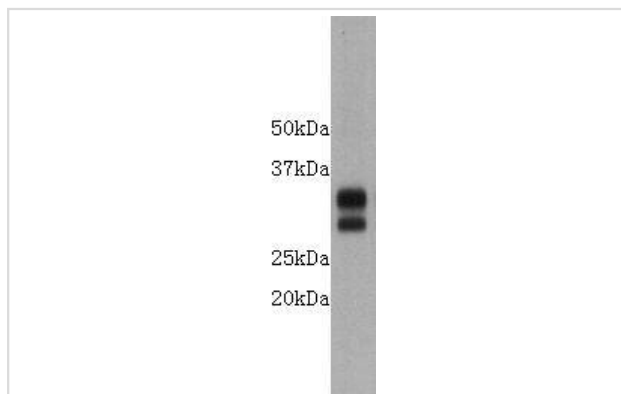
Description

Product Name	CD8 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Immunogen affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Ms
Immunogen Description	peptide
Other Names	CD8 antibody CD8 antigen, alpha polypeptide (p32) antibody CD8a antibody CD8a antigen antibody CD8a molecule antibody CD8A_HUMAN antibody Leu2 antibody Leu2 T lymphocyte antigen antibody MAL antibody OKT8 T cell antigen antibody p32 antibody T cell antigen Leu2 antibody T cell co receptor antibody T-cell surface glycoprotein CD8 alpha chain antibody T-lymphocyte differentiation antigen T8/Leu-2 antibody T8 T cell antigen antibody
Accession No.	Swiss-Prot#:P01731
Calculated MW	32-36kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500

Images



Western blot analysis on mouse Thymus using anti-CD8 polyclonal antibody

Background

The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell to cell interactions within the immune system. Cluster of Differentiation 8 (CD8) is a disulphide-linked heterodimer consisting of the unrelated α and β subunits. Each subunit is a glycoprotein composed of a single extracellular Ig-like domain, a polypeptide linker, a transmembrane part and a short cytoplasmic tail. CD8 alpha

chains binds to class I MHC molecules alpha-3 domains. CD8 is thought to play a role in the process of T-cell mediated killing.

References

1.Liaw C.W., Zamoyska R., Parnes J.R.; "Structure, sequence, and polymorphism of the Lyt-2 T cell differentiation antigen gene."; J. Immunol. 137:1037-1043(1986). 2.Youn H.J., Harriss J.V., Gottlieb P.D.; "Nucleotide sequence analysis of the C.AKR Lyt-2a gene: structural polymorphism in alleles encoding the Lyt-2.1 T-cell surface alloantigen."; Immunogenetics 28:345-352(1988). 3.Zamoyska R., Vollmer A.C., Sizer K.C., Liaw C.W., Parnes J.R.; "Two Lyt-2 polypeptides arise from a single gene by alternative splicing patterns of mRNA."; Cell 43:153-163(1985).

Published Papers

el et., Salinomycin promotes T-cell proliferation by inhibiting the expression and enzymatic activity of immunosuppressive indoleamine-2,3-dioxygenase in human breast cancer cells. In Toxicol Appl Pharmacol on 2020 Oct 1 by Yuwen Sheng, Zhonghui Zhang, et al..PMID:32822738, , (2020)

[PMID:32822738](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.