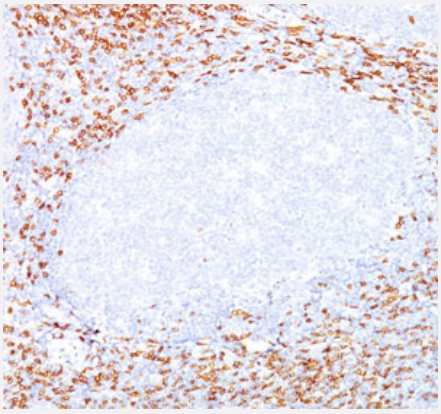
CD8A monoclonal antibody, clone C8/468

Catalog # MAB11248 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil tissue using CD8A monoclonal antibody, clone C8/468 (Cat # MAB11248).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant CD8A.
Immunogen	Recombinant protein corresponding to human CD8A.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil tissue using CD8A monoclonal antibody, clone C8/468 (Cat # MAB11248).

Gene Info — CD8A

Entrez GeneID	925
Protein Accession#	NP_001139345
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 mediat es efficient cell-cell interactions within the immune system. The CD8 antigen acts as a corepresso r with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen prese nting cell (APC) in the context of class I MHC molecules. The coreceptor functions as either a hom odimer 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 cha ins. This gene encodes the CD8 alpha chain isoforms. Multiple transcript variants encoding differ ent 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 c hain|T-lymphocyte differentiation antigen T8/Leu-2|T8 T-cell ant

Publication Reference

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- Expression and clinical association of programmed cell death-1, programmed death-ligand-1 and CD8+ lymphocytes in primary sarcomas is subtype dependent.

  Anke E M van Erp, Yvonne M H Versleijen-Jonkers, Melissa H S Hillebrandt-Roeffen, Laurens van Houdt, Mark A J Gorris, Laura S van Dam, Thomas Mentzel, Marije E Weidema, C Dilara Savci-Heijink, Ingrid M E Desar, Hans H M Merks, Max M van Noesel, Janet Shipley, Winette T A van der Graaf, Uta E Flucke, Friederike A G Meyer-Wentrup

  Oncotarget 2017 Sep; 8(41):71371-7138.

Pathway

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

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