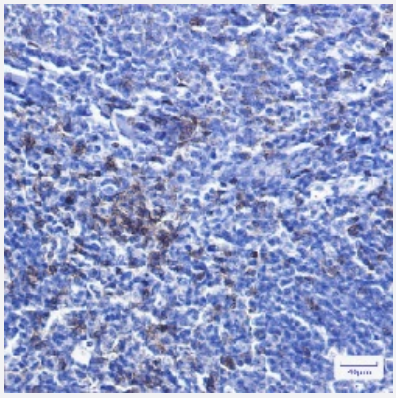
RecomAb™

CD8A recombinant monoclonal antibody, clone R09-8E7

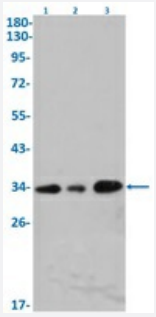
Catalog # RAB01665 Size 100 uL

Applications



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

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of Human tonsil with CD8 recombinant monoclonal antibody, clone R09-8E7 (Cat # RAB01665).



Western Blot

Western blot analysis of Lane 1: K562, Lane 2: CHO-K1 and Lane 3: Hela lysates with CD8 recombinant monoclonal antibody, clone R09-8E7 (Cat # RAB01665).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human CD8.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CD8
Theoretical MW (kDa)	Calculated MW: 26 kD
Reactivity	Human

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Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1,000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
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)

  Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of Human tonsil with CD8 recombinant monoclonal antibody, clone R09-8E7 (Cat # RAB01665).

- Western Blot

  Western blot analysis of Lane 1: K562, Lane 2: CHO-K1 and Lane 3: Hela lysates with CD8 recombinant monoclonal antibody, clone R09-8E7 (Cat # RAB01665).

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

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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
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

Pathway

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

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