

CD8 Recombinant antibody

Cat:B32031R

Company: Haokebio

Uniprot ID:P01732

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

CD8 antigen is a cell surface glycoprotein present on most cytotoxic T lymphocytes (CTLs). It serves as a coreceptor that, together with the T-cell receptor (TCR), recognizes peptides associated with MHC class I molecules. It supports CTL activation by binding to MHC, without directly acting on the peptides. CD8 is a heterodimer composed of CD8 α and CD8 β , and is expressed on cytotoxic/suppressor T cells. CD8 is expressed on nearly one-third of peripheral blood T cells (CD4-negative cells), and low-level expression is also detected in natural killer (NK) cells. In normal human tonsils, a large number of CD8+ lymphocytes are present in the paracortical regions, and positive cells occasionally appear in the squamous epithelium of germinal centers.

Protein full name:

CD8a molecule

Synonyms:

CD8, 1G2B10, CD8a molecule, Leu2, MAL

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

 PBS with 0.02% sodium azide, 100 μ g/ml BSA and 50% glycerol.

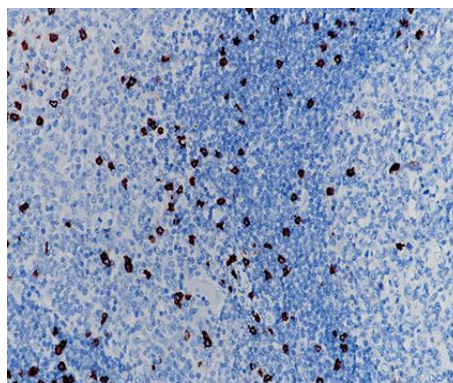
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human tonsil tissue, 4% PFA 12-24h

Source of Reagents:

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