

CD3 Recombinant antibody

Cat:B32017R
Company: Haokebio

Uniprot ID: P07766

Applications: IHC:1:100-1:200

Organism: Rabbit

IHC-Polymer:1:400-1:800

Species reactivity: Human

TSA:1:500-1:1000

Background:

CD3 protein is a T-cell marker, which is a complex composed of four membrane glycoprotein subtypes and contains extracellular, transmembrane, and intracellular domains. The CD3 complex is responsible for mediating the intracellular transmission of activation signals generated by TCR (T-cell receptor) antigen recognition, as well as mediating T-cell proliferation and cytokine release. CD3 is exclusively found in T cells. In malignant lymphomas, CD3 is a widely distributed T-cell lineage-restricted antigen, which can be detected in 80% to 97% of T-cell lymphomas. Mature T-cell lymphomas may abnormally lose CD3 expression, such as mycosis fungoides, peripheral T-cell lymphoma, and anaplastic large cell lymphoma. CD3 is an important marker for the classification of malignant lymphomas and lymphoid leukemias.

Protein full name:

CD3ε molecule, epsilon (CD3-TCR complex)

Synonyms:

CD3E, CD3 epsilon, CD3-epsilon, T3E, T-cell surface antigen T3/Leu-4 epsilon chain

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

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

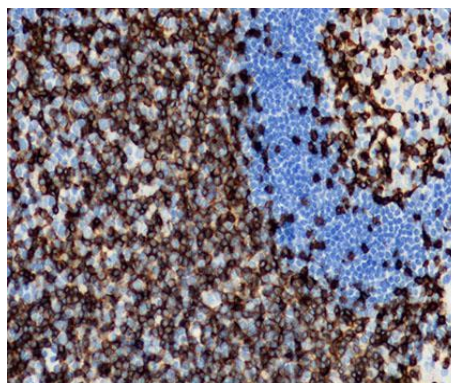
Storage:

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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发表[英文论文]请标注:CD3(B32017R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.