

CD3 Recombinant antibody

Cat:B32029R

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 is a multimeric protein complex, historically known as the T3 complex, composed of four distinct polypeptide chains: epsilon (ε), gamma (γ), delta (δ), and zeta (ζ). These chains assemble and function as three pairs of dimers (εγ, εδ, ζζ). As a T-cell coreceptor, the CD3 complex non-covalently associates with the T-cell receptor (TCR). The CD3 antigen is present at all stages of T-cell development, making it an ideal T-cell marker for detecting normal T cells and T-cell neoplasms (lymphomas and 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.

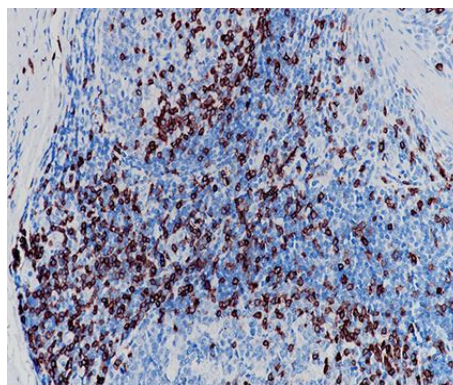
Storage:

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(B32029R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.