

## CD3D Recombinant antibody

**Cat:** B33229D

**Company:** HaoKebio

**Uniprot ID:** P04234

**Applications:** IHC:1:100-1:200

**Organism:** Rabbit

IHC-Polymer:1:400-1:800

**Species reactivity:** Human

IHC-TSA:1:500-1:1000

**Molecular Weight Calculation:** 19 kDa

WB:1:1000

**Observed Molecular Weight:** 23 kDa

IP:1:100

FC:1:20-1:50

### Background:

The protein encoded by this gene is part of the T-cell receptor/CD3 complex (TCR/CD3 complex) and is involved in T-cell development and signal transduction. The encoded membrane protein represents the delta subunit of the CD3 complex, and along with four other CD3 subunits, binds either TCR alpha/beta or TCR gamma/delta to form the TCR/CD3 complex on the surface of T-cells. Defects in this gene are a cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-cell-positive (SCID-BNK). Two transcript variants encoding different isoforms have been found for this gene. Other variants may also exist, but the full-length nature of their transcripts has yet to be defined.

### Synonyms:

T3D; IMD19; CD3-DELTA

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Membrane, Cytoplasm

### 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.

### Source of Reagents:

发表[中文论文]请标注:CD3D(B33229D)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:CD3D(B33229D) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.