

Recombinant CD3d/CD3 delta Monoclonal Antibody

catalog number: **AN300212P**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

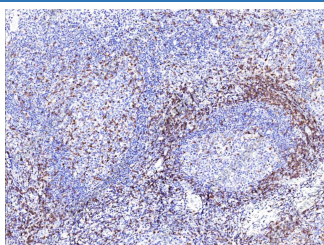
Reactivity	Human
Immunogen	Recombinant Human CD3D protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C310142
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

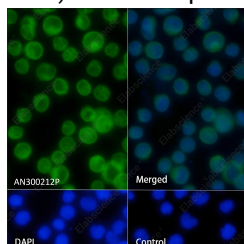
Recommended Dilution

WB: 1:1000; IHC-P: 1:100-1:200; ICC/IF: 1:200-1:1000; FC: 1:20-1:50; IP: 1:100

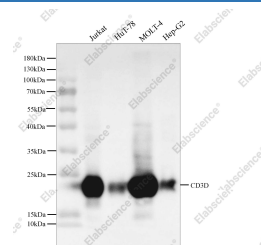
Data



Immunohistochemical analysis of paraffin-embedded Human tonsil tissue sections using CD3d/CD3 delta Antibody (AN300212P) at a dilution of 1:150 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunofluorescence analysis of Jurkat cells labelling CD3D. Nuclear DNA was labeled in blue with DAPI.
Control: Secondary antibody only.



Western blot analysis of Jurkat, HuT-78, MOLT-4 and Hep-G2 cell lysates using CD3d/CD3 delta Antibody (AN300212P) at a dilution of 1:1000.

Observed-MW:23 kDa
Calculated-MW:19 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Rev. V1.7

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 (SCIDBNK). Two transcript variants encoding different isoforms have been found for this gene. Other variants may also exist, but the full-length natures of their transcripts has yet to be defined. [provided by RefSeq, Feb 2009]