Recombinant CD3e/CD3 epsilon Monoclonal Antibody

catalog number: **AN300022P**

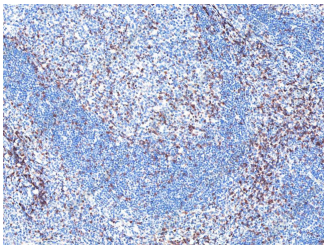
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

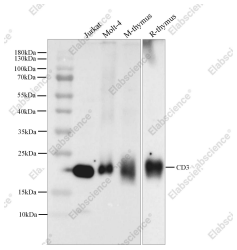
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human CD3e / CD3 epsilon Protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110020
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
IHC	1:200-1:1000
WB	1:1000-1:5000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Data



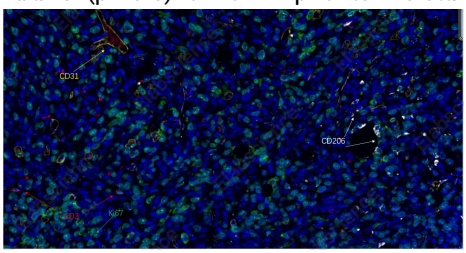
Immunohistochemical analysis of paraffin-embedded Human tonsil tissue sections using CD3e/CD3 epsilon Antibody (AN300022P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



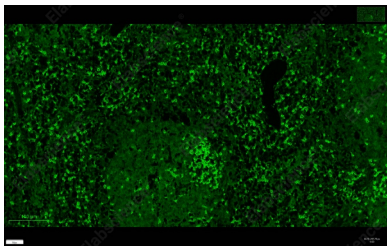
Western blot analysis of Jurkat,MOLT4,Mouse thymus and Rat thymus cell lysates using CD3e/CD3 epsilon Antibody (AN300022P) at a dilution of 1:1500.

Observed-MW:23kD

Calculated-MW:23kD

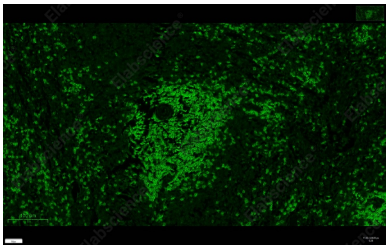


Fluorescence multiplex immunohistochemical analysis of human tonsil tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Sextuple-Fluorescence kit .CD3 rabbit mAb (RED), Ki67 rabbit mAb (GREEN), CD31 rabbit mAb (YELLOW), CD206 Rabbit mAb (WHITE) was tested with different TSA Fluorescence regent. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (Excilone).



Mouse spleen was stained with CD3e Antibody.

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Rat spleen was stained with CD3e Antibody.

Preparation & Storage

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

Background

The protein encoded by this gene is the CD3-epsilon polypeptide, which together with CD3-gamma, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. The epsilon polypeptide plays an essential role in T-cell development. Defects in this gene cause immunodeficiency. This gene has also been linked to a susceptibility to type I diabetes in women. [provided by RefSeq, Jul 2008]

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