

## Recombinant CD3 Monoclonal Antibody

catalog number: AN301033L

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

### Description

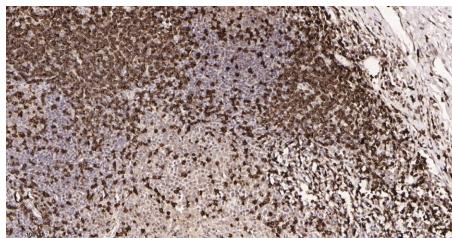
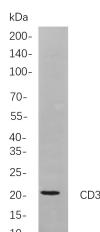
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human CD3 protein
Host	Rabbit
Isotype	IgG, $\kappa$
Clone	B784
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

IHC	1:200-1:1000
WB	1:1000-1:5000
IF	1:200-1:1000
ELISA	1:5000-1:20000

### Data

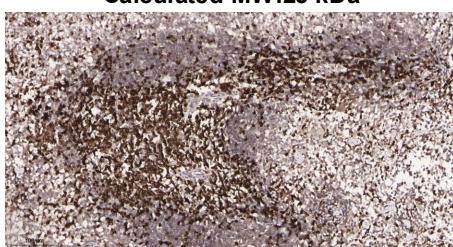


Western Blot with Recombinant CD3 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Jurkat cells.

Immunohistochemistry of paraffin-embedded human tonsil tissue using Recombinant CD3 Monoclonal Antibody at dilution of 1:200.

**Observed-MW:23 kDa**

**Calculated-MW:23 kDa**



Immunohistochemistry of paraffin-embedded mouse spleen tissue using Recombinant CD3 Monoclonal Antibody at dilution of 1:200.

### Preparation & Storage

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

### Background

### For Research Use Only

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

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Rev. V1.2

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.

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