

A Reliable Research Partner in Life Science and Medicine

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

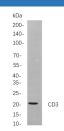
HostRabbitIsotype IgG,κ CloneB784PurificationProtein A

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

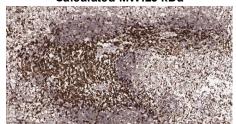
Data





Western Blot with Recombinant CD3 Monoclonal Antibody at Immunohistochemistry of paraffin-embedded human tonsil dilution of 1:1000 dilution. Lane A: Jurkat cells. tissue using Recombinant CD3 Monoclonal Antibody at Observed-MW:23 kDa 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 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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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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