A25789

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Magnetic Beads-conjugated CD3/CD28 mAb

Catalog No.: A25789 1 Publications

Basic Information

Observed MW
Refer to figures

Calculated MW
23kDa/25kDa

Category
Monoclonal Antibody

Applications
WB,IP

Cross-Reactivity
Human

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.The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB	1:2000 - 1:6000
IP	20μl-40μl Magnetic Beads for 100μg-300μg extracts of whole cells

Immunogen Information

Gene ID
916/940

Swiss Prot
P07766/P10747

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
T3E; TCRE; IMD18; CD3epsilon; Tp44

Contact

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Product Information

Source
Mouse/Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 4℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,pH7.3.