IL2 Rabbit mAb

Catalog No.: A22200 Recombinant



Basic Information

Observed MW

22kDa (Recombinant Protein)/19 kDa

Calculated MW

19kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Mouse

CloneNo number

ARC55614

Background

Enables cytokine activity and interleukin-2 receptor binding activity. Involved in negative regulation of T-helper 17 cell differentiation. Acts upstream of or within several processes, including extrinsic apoptotic signaling pathway in absence of ligand; positive regulation of macromolecule metabolic process; and regulation of lymphocyte activation. Located in extracellular space. Is expressed in liver; omental bursa; thymus; and thymus primordium. Used to study Sjogren's syndrome and inflammatory bowel disease. Human ortholog(s) of this gene implicated in several diseases, including Takayasu's arteritis; auditory system disease (multiple); autoimmune disease (multiple); carcinoma (multiple); and neurodegenerative disease (multiple). Orthologous to human IL2 (interleukin 2).

Recommended Dilutions

WB 1:1000 - 1:5000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene IDSwiss Prot
16183

P04351

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

II-2; IL2

Contact

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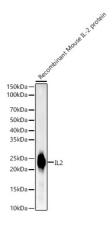
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.



Western blot analysis of Recombinant Mouse IL-2 Protein (RP01384), using IL2 Rabbit mAb (A22200) at1:2000 dilution.

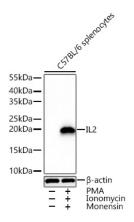
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 10ng per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 0.2s.



Western blot analysis of lysates from C57BL/6 splenocytes using IL2 Rabbit mAb (A22200) at 1:1000 dilution incubated overnight at 4° C. C57BL/6 splenocytes treated with PMA (50 ng/mL) , ionomycin (1ug/mL) at 37° C for 1 hour and monensin (2 uM) at 37° C for 4 hours.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 30 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 20 s.