

APC/Cyanine7 anti-Mouse IL-2 mAb

Catalog No.: A28388

Basic Information

Observed MW

Calculated MW

19 kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

Conjugate

APC-Cy7. Ex:651nm. Em:779nm.

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

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

16183

Swiss Prot

P04351

Immunogen

This information is considered to be commercially sensitive.

Synonyms

IL-2

Contact

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Product Information

Source

Mouse

Isotype

IgG

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide and BSA,pH7.2.