

PE/Cyanine7 Mouse anti-Human CD123 mAb

Catalog No.: A27956

Basic Information

Observed MW**Calculated MW**

43kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

AMC0882

Conjugate

PE-Cy7. Ex:565nm. Em:778nm.

Background

The protein encoded by this gene is an interleukin 3 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL3 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL3. This gene and the gene encoding the colony stimulating factor 2 receptor alpha chain (CSF2RA) form a cytokine receptor gene cluster in a X-Y pseudoautosomal region on chromosomes X or Y. Alternatively spliced transcript variants encoding distinct isoforms have been found.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl
volume

Immunogen Information

Gene ID

3563

Swiss Prot

P26951

Immunogen

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

Synonyms

IL3R; CD123; IL3RX; IL3RY; IL3RAY; hIL-3Ra; IL-3R-alpha

Contact

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Product Information

Source

Mouse

Isotype

Mouse / IgG1, kappa

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze.

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