

Product Information

Product SKU: CAB22111	Gene ID: 3563	Size: 20uL, 100uL
Clone No: -	Host Species: Rabbit	Reactivity: Mouse

Additional Information

Observed MW: 70kDa	Conjugate: Unconjugated
Calculated MW: 43kDa	Isotype: IgG

Immunogen Information

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 Dilution: WB,1:500 - 1:2000

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

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 20-305 of human CD123 (NP_002174.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.