

## Product datasheet for **TA320370**

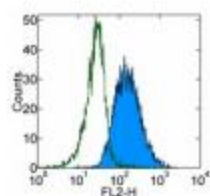
### IL3RA Mouse Monoclonal Antibody [Clone ID: 6H6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	6H6
Applications:	FC
Recommended Dilution:	Flow, IHC
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	interleukin 3 receptor subunit alpha
Database Link:	<a href="#">NP_002174</a> <a href="#">Entrez Gene 3563 Human P26951</a>
Background:	The 6H6 monoclonal antibody reacts with human CD123, the $\alpha$ chain of the IL-3 receptor. This 60-70 kDa transmembrane protein binds to IL-3 with low affinity by itself, and when associated with CD131 (common $\beta$ chain) binds IL-3 with high affinity. CD123 is expressed by myeloid precursors, macrophages, dendritic cells, mast cells, basophils, and megakaryocytes.
Synonyms:	CD123; hIL-3Ra; IL3R; IL3RAY; IL3RX; IL3RY
Protein Families:	Transmembrane
Protein Pathways:	Apoptosis, Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Jak-STAT signaling pathway



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**Product images:**

Staining of TF-1 cell line with Mouse IgG1 kappa Isotype Control Purified (open histogram) or Anti-Human CD123 Purified (filled histogram) followed by F (ab')<sub>2</sub> Anti-Mouse IgG PE. Total viable cells were used for analysis.