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CD125 Antibody

Rabbit mAb
Catalog # AP93118

Product Information

Application	WB
Primary Accession	Q01344
Reactivity	Human
Clonality	Monoclonal
Other Names	CD125; CDw125; HSIL5R3; IL5R; IL5RA;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	47685

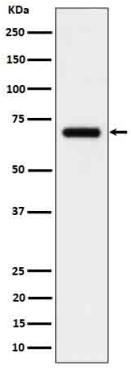
Additional Information

Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CD125
Description	This is the receptor for interleukin-5. The alpha chain binds to IL5.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	IL5RA
Synonyms	IL5R
Function	Cell surface receptor that plays an important role in the survival, differentiation, and chemotaxis of eosinophils (PubMed:9378992). Acts by forming a heterodimeric receptor with CSF2RB subunit and subsequently binding to interleukin-5 (PubMed:1495999, PubMed:22528658). In unstimulated conditions, interacts constitutively with JAK2. Heterodimeric receptor activation leads to JAK2 stimulation and subsequent activation of the JAK-STAT pathway (PubMed:9516124).
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed on eosinophils and basophils.

Images



Western blot analysis of CD125 in Human serum cell lysate.

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