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IL-5 Receptor alpha Rabbit mAb

Catalog # AP78845

Product Information

Application	WB
Primary Accession	Q01344
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human CD125
Purification	Affinity Chromatography
Calculated MW	47685

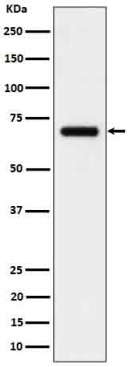
Additional Information

Gene ID	3568
Other Names	IL5RA
Dilution	WB~~1/500-1/1000
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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



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