

# CD125 Antibody

Rabbit mAb

Catalog # AP93118

## Product Information

---

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q01344</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	CD125; CDw125; HSIL5R3; IL5R; IL5RA;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	47685

## Additional Information

---

<b>Dilution</b>	WB 1:500~1:2000
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human CD125
<b>Description</b>	This is the receptor for interleukin-5. The alpha chain binds to IL5.
<b>Storage Condition and Buffer</b>	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.

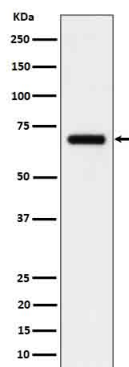
## Protein Information

---

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

## Images

---



Western blot analysis of CD125 in Human serum cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.