

Anti-CD125 Antibody

Rabbit polyclonal antibody to CD125

Catalog # AP61361

Product Information

Application	WB, IHC
Primary Accession	Q01344
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47685

Additional Information

Gene ID	3568
Other Names	IL5R; Interleukin-5 receptor subunit alpha; IL-5 receptor subunit alpha; IL-5R subunit alpha; IL-5R-alpha; IL-5RA; CDw125; CD125
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD125. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/50 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/50 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

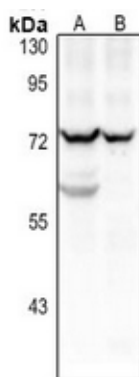
Protein Information

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.

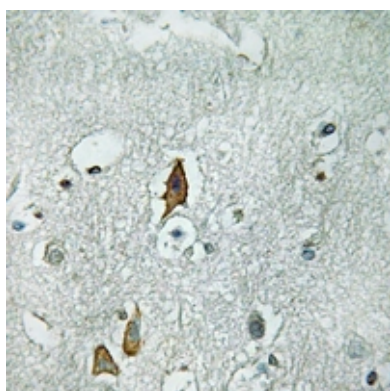
Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD125. The exact sequence is proprietary.

Images



Western blot analysis of CD125 expression in A2780 (A), A549 (B) whole cell lysates.



Immunohistochemical analysis of CD125 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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