Recombinant Interleukin-5 receptor subunit alpha Antibody

Rabbit Monoclonal Antibody [Clone IL5Ra/17286R]

Catalog No	Format	Size
3568-RBM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3568-RBM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3568-RBM1-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

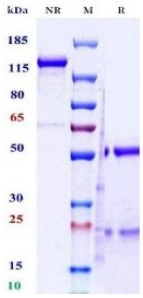
Product Details

Clone	IL5Ra/17286R
Immunogen	Recombinant human IL5RA protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	47.68kDa
Cellular Localization	Membrane
Species Reactivity	Human
Positive Control	Expressed on eosinophils and basophils

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Interleukin-5 receptor subunit alpha Antibody

Purity: SDS-PAGE



SDS-PAGE under non-reducing (NR) and reducing (R) conditions. The gel was stained with Coomassie Blue. The purity of the protein is 96%.

SDS-PAGE Analysis of Purified Recombinant Interleukin-5 receptor subunit alpha Rabbit Monoclonal Antibody (IL5Ra/17286R). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

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).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.