

Recombinant Interleukin-4 receptor subunit alpha Antibody

Rabbit Monoclonal Antibody [Clone IL4Ra/17281R]

Catalog No	Format	Size
3566-RBM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3566-RBM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3566-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	IL4Ra/17281R
Immunogen	Recombinant human IL4R protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	89.66kDa
Cellular Localization	Cell membrane, Secreted
Species Reactivity	Human
Positive Control	Isoform 1 and isoform 2 are highly expressed in activated T-cells

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

Product Images for Recombinant Interleukin-4 receptor subunit alpha Antibody

Specificity & Comments

Receptor for both interleukin 4 and interleukin 13 (PubMed:17030238). Couples to the JAK1/2/3-STAT6 pathway. The IL4 response is involved in promoting Th2 differentiation. The IL4/IL13 responses are involved in regulating IgE production and, chemokine and mucus production at sites of allergic inflammation. In certain cell types, can signal through activation of insulin receptor substrates, IRS1/IRS2., Soluble IL4R (sIL4R) inhibits IL4-mediated cell proliferation and IL5 up-regulation by T-cells.

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.