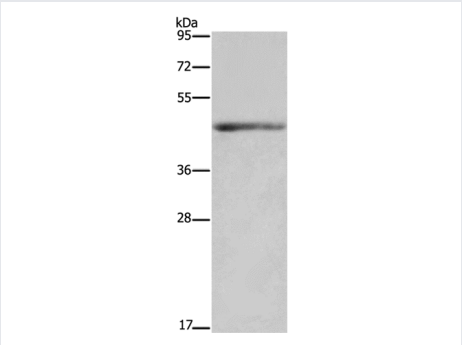
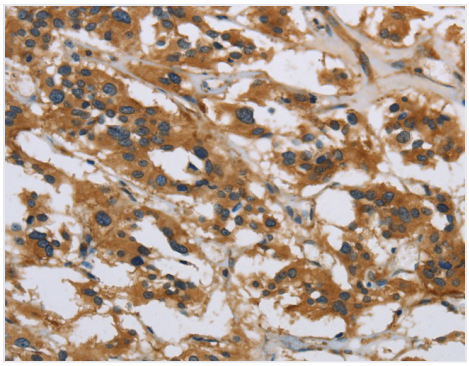
IL5RA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

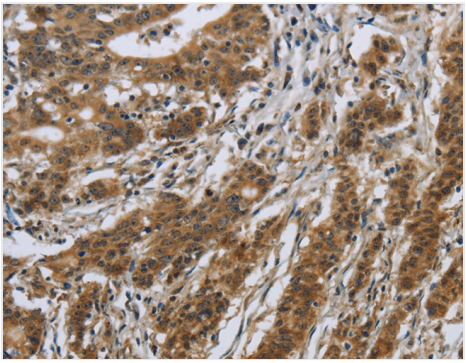
Product Name	IL5RA, Polyclonal Antibody
Full Product Name	IL5RA Polyclonal Antibody
Product Gene Name	anti-IL5RA antibody
Product Synonym Names	IL5R; CD125; CDw125; HSIL5R3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human;Mouse
Form/Format	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	Calculated MW: 48 kDa
OMIM	147851
Immunogen	Synthetic peptide of human IL5RA
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Note	Centrifuge before opening to ensure complete recovery of vial contents.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-IL5RA antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-IL5RA antibody	WB: 1:200-1:1000 IHC: 1:50-1:200
Related Product Information for anti-IL5RA antibody	The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. Several alternatively spliced transcript variants encoding four distinct isoforms have been reported.
Other Notes	Small volumes of anti-IL5RA antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for IL5RA purchase	MBS2525815 is an antibody targeting IL5RA. Also known as IL5RA Polyclonal Antibody. Reactive in Human;Mouse. Host: Rabbit.



Western Blot (WB) of anti-IL5RA antibody
Western Blot analysis of Mouse heart tissue using IL5RA Polyclonal Antibody at dilution of 1:650



Immunohistochemistry (IHC) of anti-IL5RA antibody
Immunohistochemistry of paraffin-embedded Human thyroid cancer using IL5RA Polyclonal Antibody at dilution of 1:40



Immunohistochemistry (IHC) of anti-IL5RA antibody
Immunohistochemistry of paraffin-embedded Human gastric cancer using IL5RA Polyclonal Antibody at dilution of 1:40

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL5RA. It may not necessarily be applicable to this product.

NCBI GI #	340745316
NCBI GeneID	3568
NCBI Accession #	NP_001230028.1
UniProt Secondary Accession #	Q14633; Q15469; Q6ISX9; B3IU77; B4E2G0
UniProt Related Accession #	Q01344
GenBank Nucleotide #	NM_001243099.1
NCBI Official Full Name	interleukin-5 receptor subunit alpha isoform 4
NCBI Official Synonym Full Names	interleukin 5 receptor, alpha
NCBI Official Symbol	IL5RA
NCBI Official Synonym Symbols	IL5R; CD125; CDw125; HSIL5R3
UniProt Protein Name	Interleukin-5 receptor subunit alpha
UniProt Synonym Protein Names	CDw125; CD_antigen: CD125
Protein Family	Interleukin-5 receptor
UniProt Gene Name	IL5RA
UniProt Synonym Gene Names	IL5R; IL-5 receptor subunit alpha; IL-5R subunit alpha; IL-5R-alpha; IL-5RA
UniProt Entry Name	IL5RA_HUMAN

NCBI Protein Information	interleukin-5 receptor subunit alpha; CD125 antigen; IL-5 receptor subunit alpha; IL-5R subunit alpha; interleukin 5 receptor type 3; interleukin-5 receptor alpha chain
UniProt Comments for IL5RA	IL5RA: This is the receptor for interleukin-5. The alpha chain binds to IL5. Belongs to the type I cytokine receptor family. Type 5 subfamily. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral; Receptor, cytokine Chromosomal Location of Human Ortholog: 3p26-p24 Cellular Component: extracellular space; integral to membrane; plasma membrane Molecular Function: protein binding; interleukin-5 receptor activity Biological Process: cell proliferation; regulation of interleukin-5 production; inflammatory response to antigenic stimulus; signal transduction
Research Articles on IL5RA	**1.** This is the first study to show significant associations between IL5RA SNP rs6771148, the ACTAGA haplotype, and the GTAGCA haplotype and the risk of rhinoconjunctivitis.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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