

Recombinant Interleukin-5 (IL-5) Antibody

Rabbit Monoclonal Antibody [Clone IL5/17285R]

Catalog No	Format	Size
3567-RBM4-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug
3567-RBM4-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3567-RBM4-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug

Applications	Tested Dillution	Note
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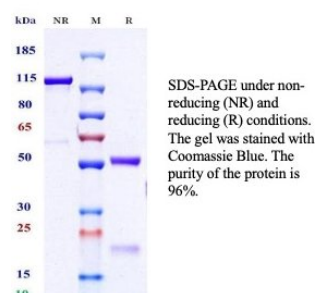
Product Details

Clone	IL5/17285R
Gene Name	IL5
Immunogen	Recombinant fragment of human IL5 protein corresponding to the mature protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	17kDa
Cellular Localization	Secreted
Species Reactivity	Human
Positive Control	Human thymus or tonsil tissue.

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

Product Images for Recombinant Interleukin-5 (IL-5) Antibody

Purity: SDS-PAGE



SDS-PAGE Analysis of Purified Recombinant Interleukin-5 / IL5 Rabbit Monoclonal Antibody (IL5/17285R). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

Interleukin-5, or IL-5, was originally discovered as a soluble T cell-derived factor, called T cell-replacing factor (TRF), that induced T cell-depleted activated B cells to secrete immunoglobulin. Native IL-5 is a disulfide-linked homodimer. IL-5 is initially synthesized as a precursor with a 19 amino acid signal peptide which is cleaved to form a 112 amino acid mature protein. Murine and human IL-5 exhibit 70% sequence identity at the amino acid level. IL-5 exerts its biological activity through the IL-5 receptor (IL-5R), which is composed of at least two chains: an chain that binds IL-5 with low affinity and a chain that does not bind IL-5, but together with the IL-5 a chain, constitutes the high affinity IL-5 receptor. The chain is common to the IL-3, IL-5 and GM-CSF receptors and has been shown to signal through the JAK/Stat pathway.

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.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. 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.

Research Areas

AKT Signaling, Cardiovascular, Cytokine Signaling, Hematopoietic Stem Cells, Immunology, Signal Transduction