

IL5

Rat Anti-Human IL-5 Clone TRFK5 LE/NA mAb

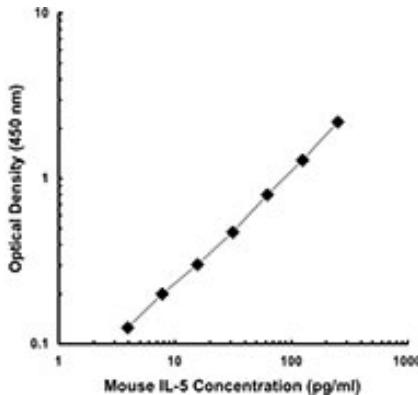
Catalog No.	CSI10945 CSI10946	Quantity:	50 µg 0.5 mg
Alternate Names:	Interleukin-5, Eosinophil differentiation factor (EDF), Eosinophil colony stimulating factor (Eo-CSF), B cell growth factor-2 (BCGF-2), B cell differentiation factor for IgM (BCDF-m), IgA enhancing factor (IgA-EF), T-cell replacing factor-1 (TRF-1)		
Description:	IL-5 is a homodimeric, disulphide-linked protein produced by T-cells. Monomeric human IL-5 is a 126 amino acid protein with a reported molecular weight of 26 kD for the homodimeric protein. Mouse and human IL-5 are approximately 70% identical. IL-5 has been shown to promote the growth of immature hematopoietic BFU-E progenitors, stimulate the activation and differentiation of eosinophils, and promote the generation of cytotoxic lymphocytes. Mouse IL-5 induces the differentiation and proliferation of pre-activated B-cells and stimulates the production and secretion of IgM and IgA by B-cells stimulated with bacterial endotoxin. The TRFK5 antibody can neutralize the bioactivity of natural or recombinant IL-5		
Concentration:	1.0 mg/ml		
Gene ID:	3567		
Host:	Rat		
Immunogen:	Partially-purified T cell clone supernatant		
Isotype:	Rat IgG1, κ		
Clone:	TRFK5		
Bioactivity:	Growth/differentiation of B cells, eosinophils; proliferation/cell activation/differentiation of eosinophilic granulocytes		
Formulation:	Phosphate-buffered solution, pH 7.2, containing no preservative. 0.2 µm filter sterilized. Endotoxin level is < 0.1 EU/µg of the protein (< 0.01 ng/µg of the protein) as determined by the LAL test.		
Purification:	The (Low Endotoxin, Azide-Free) antibody was Purified by affinity chromatography.		
Reactivity:	Mouse, Human, Cross-Reactivity: Guinea Pig		
Applications:	ELISA Capture, IHC, WB		
Recommended Usage:	Each lot of this antibody is quality control tested by ELISA assay. For ELISPOT capture applications, a concentration range of 2-8 µg/ml is recommended. For ELISA capture applications, a concentration range of 1-4 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of mouse IL-5 recombinant protein ranging from 250 to 1		



pg/ml are recommended for each ELISA plate when paired with TRFK4. To obtain a linear standard curve, serial dilutions of human IL-5 recombinant protein ranging from 250 to 1 pg/ml are recommended for each ELISA plate when paired with JES1-5A10. It is recommended that the reagent be titrated for optimal performance for each application.

Storage & Stability:

The antibody solution should be stored undiluted at 4 °C. **Do not freeze. This LE/NA solution contains no preservative; handle under aseptic conditions.**



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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