

Polyclonal Antibody to Interleukin 5 (IL5)

Interleukin 5

Catalog # AP74739

Product Information

Application	WB
Primary Accession	P48093
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15150

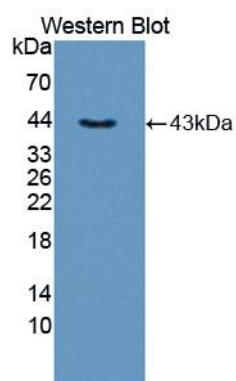
Additional Information

Other Names	E-CSF; ESGF; EDF; TRF; Colony-Stimulating Factor, Eosinophil; T-Cell replacing Factor; B Cell Differentiation Factor I; Eosinophil Differentiation Factor
Target/Specificity	Rhesus monkey (Simian)
Dilution	WB~~Western blotting: 0.2-2 μ g/mL;1:250-2500 Immunohistochemistry: 5-20 μ g/mL;1:25-100 Immunocytochemistry: 5-20 μ g/mL;1:25-100 Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	IL5
Function	Homodimeric cytokine expressed predominantly by T-lymphocytes and NK cells that plays an important role in the survival, differentiation, and chemotaxis of eosinophils. Also acts on activated and resting B-cells to induce immunoglobulin production, growth, and differentiation (By similarity). Mechanistically, exerts its biological effects through a receptor composed of IL5RA subunit and the cytokine receptor common subunit beta/CSF2RB. Binding to the receptor leads to activation of various kinases including LYN, SYK and JAK2 and thereby propagates signals through the RAS-MAPK and JAK-STAT5 pathways respectively (By similarity).
Cellular Location	Secreted {ECO:0000250 UniProtKB:P04401}.

Images



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