



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54360_P050-Biotin
Product Page	www.avivasysbio.com/il5-antibody-middle-region-biotin-arp54360-p050-biotin.html
Name	IL5 Antibody - middle region : Biotin (ARP54360_P050-Biotin)
Protein Size (# AA)	134 amino acids
Molecular Weight	13kDa
Conjugation	Biotin
NCBI Gene Id	3567
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Interleukin 5 (colony-stimulating factor, eosinophil)
Alias Symbols	EDF, TRF, IL-5
Peptide Sequence	Synthetic peptide located within the following region: LESQTVQGGTVERLFKNLSLIKKYIDGQKKKCGEERRRVNQFLDYLOEFL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Chong,L.K., (2008) Eur. J. Immunol. 38 (4), 995-1000
Description of Target	IL5 is a cytokine that acts as a growth and differentiation factor for both B cells and eosinophils. This cytokine is a main regulator of eosinopoiesis, eosinophil maturation and activation. The elevated production of this cytokine is reported to be related to asthma or hypereosinophilic syndromes. The protein encoded by this gene is a cytokine that acts as a growth and differentiation factor for both B cells and eosinophils. This cytokine is a main regulator of eosinopoiesis, eosinophil maturation and activation. The elevated production of this cytokine is reported to be related to asthma or hypereosinophilic syndromes. The receptor of this cytokine is a heterodimer, whose beta subunit is shared with the receptors for interleukine 3 (IL3) and colony stimulating factor 2 (CSF2/GM-CSF). This gene, together with those for interleukin 4 (IL4), interleukin 13 (IL13), and CSF2, form a cytokine gene cluster on chromosome 5. This cytokine, IL4, and IL13 are found to be regulated coordinately by long-range regulatory elements spread over 120 kilobases on chromosome 5q31. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	CXCL8; IL5RA; IL5; STAT5A;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-IL5 (ARP54360_P050-Biotin) antibody
Blocking Peptide	For anti-IL5 (ARP54360_P050-Biotin) antibody is Catalog # AAP54360 (Previous Catalog # AAPP31135)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human IL5
Uniprot ID	P05113
Protein Name	Interleukin-5
Protein Accession #	NP_000870
Purification	Affinity Purified
Nucleotide Accession #	NM_000879
Gene Symbol	IL5
Predicted Species Reactivity	Human

Application	WB
Predicted Homology Based on Immunogen Sequence	Human: 100%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.