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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55616_P050-FITC
Product Page	www.avivasysbio.com/il15-antibody-n-terminal-region-fitc-arp55616-p050-fitc.html
Name	IL15 Antibody - N-terminal region : FITC (ARP55616_P050-FITC)
Protein Size (# AA)	162 amino acids
Molecular Weight	13kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	3600
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Interleukin 15
Alias Symbols	IL-15
Peptide Sequence	Synthetic peptide located within the following region: RISKPHILRSISIQCYLCLLNSHFLTEAGIHVFIILGCFESAGLPKTEANWV
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Pistilli, E.E., (er) Cytokine (2008) In press
Description of Target	IL15 is a cytokine that regulates T and natural killer cell activation and proliferation. This cytokine and interleukine 2 share many biological activities. They are found to bind common hematopoietin receptor subunits, and may compete for the same receptor, and thus negatively regulate each other's activity. The number of CD8+ memory cells is shown to be controlled by a balance between this cytokine and IL2. This cytokine induces the activation of JAK kinases, as well as the phosphorylation and activation of transcription activators STAT3, STAT5, and STAT6. Studies of the mouse counterpart suggested that this cytokine may increase the expression of apoptosis inhibitor BCL2L1/BCL-x(L), possibly through the transcription activation activity of STAT6, and thus prevent apoptosis. The protein encoded by this gene is a cytokine that regulates T and natural killer cell activation and proliferation. This cytokine and interleukine 2 share many biological activities. They are found to bind common hematopoietin receptor subunits, and may compete for the same receptor, and thus negatively regulate each other's activity. The number of CD8+ memory cells is shown to be controlled by a balance between this cytokine and IL2. This cytokine induces the activation of JAK kinases, as well as the phosphorylation and activation of transcription activators STAT3, STAT5, and STAT6. Studies of the mouse counterpart suggested that this cytokine may increase the expression of apoptosis inhibitor BCL2L1/BCL-x(L), possibly through the transcription activation activity of STAT6, and thus prevent apoptosis. Two alternatively spliced transcript variants of this gene encoding the same protein have been reported.
Protein Interactions	ZNRD1; TRAF3; STAT5B; APP; IL15RA; IL2RG; IL2RB;
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-IL15 (ARP55616_P050-FITC) antibody
Blocking Peptide	For anti-IL15 (ARP55616_P050-FITC) antibody is Catalog# AAP55616 (Previous Catalog# AAPP34241)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human IL15
Uniprot ID	P40933
Protein Name	Interleukin-15
Protein Accession #	NP_751914
Purification	Affinity Purified
Nucleotide Accession #	NM_172174

Gene Symbol	IL15
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Sheep
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Sheep: 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.

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