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Datasheet for ABIN902193

anti-IL15RA antibody (AA 51-150) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	IL15RA
Binding Specificity:	AA 51-150
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL15RA antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IL-15RA
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	IL15RA
Alternative Name:	IL-15RA (IL15RA Products)

Target Details

Background:	<p>Synonyms: Interleukin-15 receptor subunit alpha, IL 15R alpha, IL15RA, Interleukin 15 receptor alpha, Interleukin 15 receptor subunit alpha, Soluble interleukin 15 receptor subunit alpha, I15RA_HUMAN.</p> <p>Background: IL15RA is a cytokine receptor that specifically binds IL15 with high affinity. It shares two subunits with the receptor of IL2, the IL2R beta and IL2R gamma chains. This forms the basis of many overlapping biological activities of IL15 and IL2. The IL2 receptor requires an additional IL2-specific alpha subunit for high affinity IL2 binding. This protein is structurally related to IL2R alpha, but is capable of binding IL15 with high affinity independent of other subunits, which suggests the distinct roles between IL15 and IL2. This receptor is reported to enhance cell proliferation and expression of apoptosis inhibitor BCL2L1/BCL2-XL and BCL2. There are nine different isoforms.</p>
Gene ID:	3601
Pathways:	JAK-STAT Signaling

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months