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Datasheet for ABIN5005383

anti-IL5RA antibody (AA 11-110) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	IL5RA
Binding Specificity:	AA 11-110
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL5RA antibody is conjugated to Alexa Fluor 680
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-5R alpha
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	IL5RA
Alternative Name:	IL5RA/CD125 (IL5RA Products)

Target Details

Background:	<p>Synonyms: Interleukin-5 receptor alpha, CD125 antigen, CDw125, HSIL5R3, IL5R, IL-5R, Interleukin 5 Receptor alpha, Interleukin 5 receptor subunit alpha, interleukin 5 receptor type 3, MGC26560, IL5RA, IL-5R alpha, IL5RA_HUMAN.</p> <p>Background: The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3(IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5(IL5). The binding of this protein to IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. Six alternatively spliced transcript variants encoding three distinct isoforms have been reported.</p>
Gene ID:	3568
UniProt:	Q01344
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

Handling

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months