

ARG56878 anti-IL33R / ST2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IL33R / ST2
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IL33R / ST2
Species	Mouse
Immunogen	Synthetic peptide (16 aa) within aa. 40-90 of Mouse ST2. This peptide is common to all three known ST2 isoforms.
Conjugation	Un-conjugated
Alternate Names	IL33R; DER4; ST2V; T1; Interleukin-1 receptor-like 1; FIT-1; ST2; ST2L; Protein ST2

Application Instructions

Application table	Application	Dilution
	ICC/IF	5 µg/ml
	IHC-P	5 µg/ml
	WB	1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	293 cells	

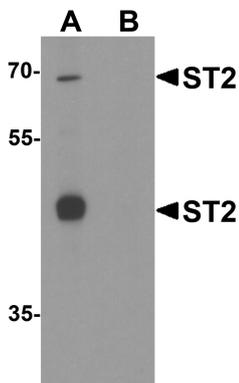
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

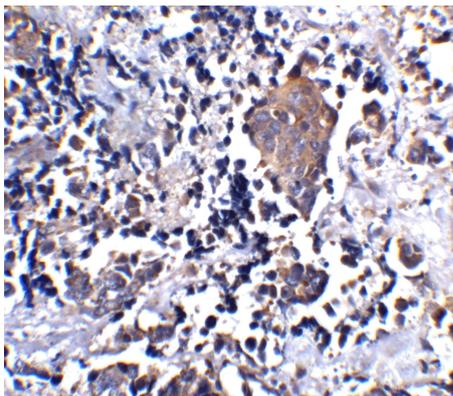
Database links	GeneID: 17082 Mouse GeneID: 9173 Human Swiss-port # P14719 Mouse Swiss-port # Q01638 Human
Gene Symbol	Il1rl1
Gene Full Name	interleukin 1 receptor-like 1
Background	The protein encoded by this gene is a member of the interleukin 1 receptor family. Studies of the similar gene in mouse suggested that this receptor can be induced by proinflammatory stimuli, and may be involved in the function of helper T cells. This gene, interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2) and interleukin 1 receptor-like 2 (IL1RL2) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]
Function	Receptor for interleukin-33 (IL-33), its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8. Possibly involved in helper T-cell function. [UniProt]
Calculated Mw	63 kDa
Cellular Localization	Cell membrane; Single-pass type I membrane protein. Isoform B: Secreted

Images



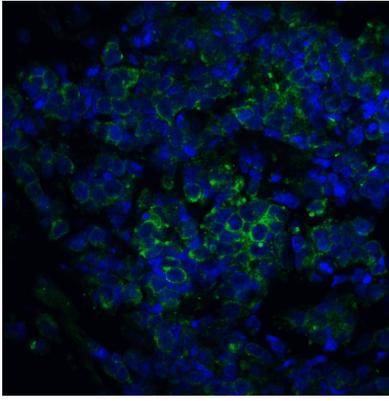
ARG56878 anti-IL33R / ST2 antibody WB image

Western blot: 293 cell lysate stained with ARG56878 anti-IL33R / ST2 antibody at 1 $\mu\text{g}/\text{ml}$ in (A) the absence and (B) the presence of blocking peptide.



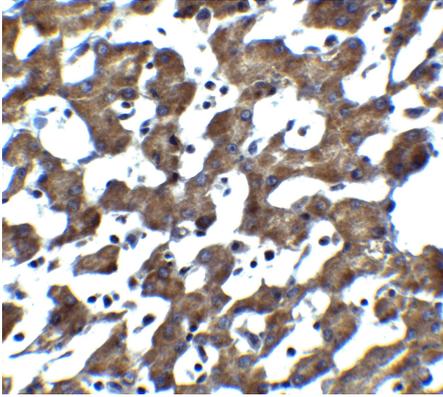
ARG56878 anti-IL33R / ST2 antibody IHC-P image

Immunohistochemistry: Human lung cancer tissue stained with ARG56878 anti-IL33R / ST2 antibody at 5 $\mu\text{g}/\text{ml}$.



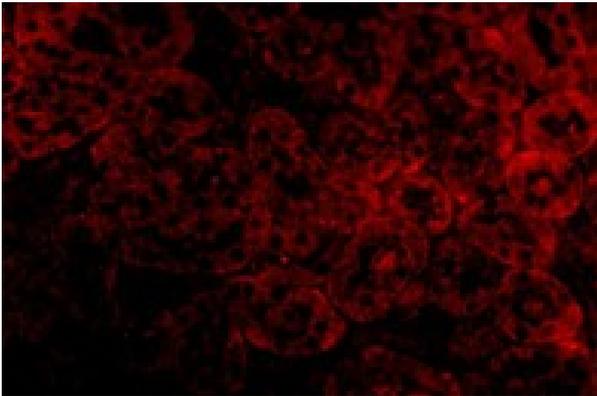
ARG56878 anti-IL33R / ST2 antibody IHC image

Immunohistochemistry: Human lung cancer tissue stained with ARG56878 anti-IL33R / ST2 antibody at 5 $\mu\text{g/ml}$.



ARG56878 anti-IL33R / ST2 antibody IHC-P image

Immunohistochemistry: Human liver tissue stained with ARG56878 anti-IL33R / ST2 antibody at 5 $\mu\text{g/ml}$.



ARG56878 anti-IL33R / ST2 antibody ICC/IF image

Immunofluorescence: Mouse kidney cells stained with ARG56878 anti-IL33R / ST2 antibody at 20 $\mu\text{g/ml}$.
