

ARG40247 anti-IL1RA antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IL1RA
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IL1RA
Species	Human
Immunogen	Synthetic peptide derived from Human IL1RA.
Conjugation	Un-conjugated
Alternate Names	IL1 inhibitor; Interleukin-1 receptor antagonist protein; ICIL-1RA; MVCD4; IL1RA; DIRA; IL-1RN; Anakinra; IL1F3; IRAP; IL-1ra; IL-1ra3

Application Instructions

Application table	Application	Dilution
	FACS	1:50
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	IP	1:50
	WB	1:5000 - 1:20000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	20 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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.

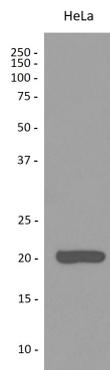
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

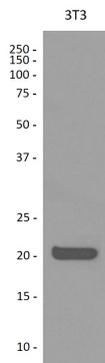
Gene Symbol	IL1RN
Gene Full Name	interleukin 1 receptor antagonist
Background	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha (IL1A) and interleukin 1, beta (IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses. This gene and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of this gene is reported to be associated with increased risk of osteoporotic fractures and gastric cancer. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]
Function	Inhibits the activity of interleukin-1 by binding to receptor IL1R1 and preventing its association with the coreceptor IL1RAP for signaling. Has no interleukin-1 like activity. Binds functional interleukin-1 receptor IL1R1 with greater affinity than decoy receptor IL1R2; however, the physiological relevance of the latter association is unsure. [UniProt]
Calculated Mw	20 kDa
Cellular Localization	Isoform 1: Secreted. Isoform 2: Cytoplasm. Isoform 3: Cytoplasm. Isoform 4: Cytoplasm. [UniProt]

Images



ARG40247 anti-IL1RA antibody WB image

Western blot: HeLa cell lysate stained with ARG40247 anti-IL1RA antibody.



ARG40247 anti-IL1RA antibody WB image

Western blot: 3T3 cell lysate stained with ARG40247 anti-IL1RA antibody.