

ARG55332 anti-IL18 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IL18
Tested Reactivity	Hu
Tested Application	IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IL18
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 37-193 of Human IL18 (NP_001553.1).
Conjugation	Un-conjugated
Alternate Names	Ibogatadekin; Interferon gamma-inducing factor; Interleukin-18; IL-18; IFN-gamma-inducing factor; IL-1 gamma; IGIF; IL-1g; Interleukin-1 gamma; IL1F4

Application Instructions

Application table	Application	Dilution
	IP	Assay-dependent
	WB	1:500 - 1:1000
Application Note	IHC-P: PMID: 34603042 detected IL18 in paraffin-embedded ventricular tissues sections by this antibody. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 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

Database links	GeneID: 3606 Human Swiss-port # Q14116 Human
Gene Symbol	IL18
Gene Full Name	interleukin 18
Background	The protein encoded by this gene is a proinflammatory cytokine that augments natural killer cell activity in spleen cells, and stimulates interferon gamma production in T-helper type I cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2011]
Function	Augments natural killer cell activity in spleen cells and stimulates interferon gamma production in T-helper type I cells. [UniProt]
Research Area	Cancer antibody; Immune System antibody; Metabolism antibody
Calculated Mw	22 kDa
PTM	The pro-IL-18 precursor is processed by CASP1 or CASP4 to yield the active form.

Images



ARG55332 anti-IL18 antibody WB image

Western blot: HeLa cell lysate stained with ARG55332 anti-IL18 antibody.



ARG55332 anti-IL18 antibody IP image

Immunoprecipitation: 200 µg extracts of HeLa immunoprecipitated and stained with ARG55332 anti-IL18 antibody.