

ARG64941 anti-IL18 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes IL18
Tested Reactivity	Hu
Tested Application	WB
Specificity	This antibody is expected to recognise both reported isoforms (NP_001553.1; NP_001230140.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	IL18
Species	Human
Immunogen	C-NPPDNIKDTKSDI
Conjugation	Un-conjugated
Alternate Names	Ibctadekin; 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
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 3606 Human](#)

[Swiss-port # Q14116 Human](#)

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]

Research Area

Cancer antibody; Immune System antibody; Metabolism antibody

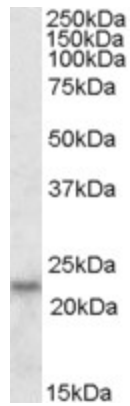
Calculated Mw

22 kDa

PTM

The pro-IL-18 precursor is processed by CASP1 or CASP4 to yield the active form.

Images



ARG64941 anti-IL18 antibody WB image

Western Blot: HeLa lysate (35 µg protein in RIPA buffer) stained with ARG64941 anti-IL18 antibody at 0.1 µg/ml dilution.