

ARG57848 anti-IL18 binding protein antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IL18 binding protein
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IL18 binding protein
Species	Human
Immunogen	Recombinant protein of Human IL18 binding protein.
Conjugation	Un-conjugated
Alternate Names	IL18BPα; Tadekinig-alfa; IL-18BP; Interleukin-18-binding protein

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse thymus	

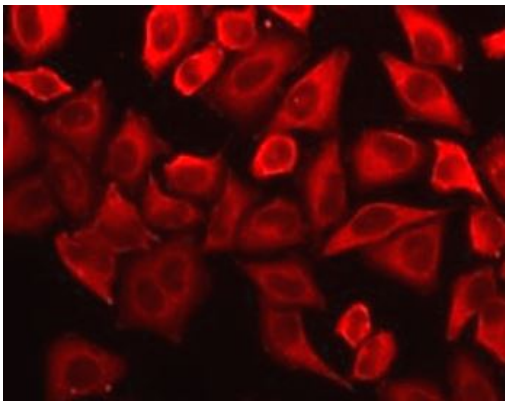
Properties

Form	Liquid
Purification	Affinity purified.
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

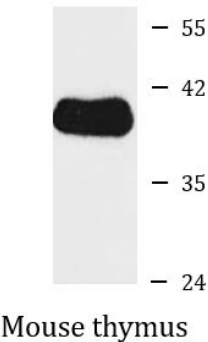
Gene Symbol	IL18BP
Gene Full Name	interleukin 18 binding protein
Background	The protein encoded by this gene functions as an inhibitor of the proinflammatory cytokine, IL18. It binds IL18, prevents the binding of IL18 to its receptor, and thus inhibits IL18-induced IFN-gamma production, resulting in reduced T-helper type 1 immune responses. This protein is constitutively expressed and secreted in mononuclear cells. Elevated level of this protein is detected in the intestinal tissues of patients with Crohn's disease. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Feb 2011]
Function	Isoform A binds to IL-18 and inhibits its activity. Functions as an inhibitor of the early TH1 cytokine response. [UniProt]
Calculated Mw	21 kDa
PTM	N- and O-glycosylated. O-glycosylated with core 1-like and core 2-like glycans. O-glycan heterogeneity at Ser-53: HexHexNAc (major) and Hex2HexNAc2 (minor). N-glycan heterogeneity at Asn-103: Hex5HexNAc4 (minor), dHex1Hex5HexNAc4 (major) and Hex6HexNAc5 (minor); N-glycan at Asn-147: dHex1Hex5HexNAc4. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



ARG57848 anti-IL18 binding protein antibody ICC/IF image

Immunofluorescence: A549 cells stained with ARG57848 anti-IL18 binding protein antibody.



ARG57848 anti-IL18 binding protein antibody WB image

Western blot: 25 µg of Mouse thymus lysate stained with ARG57848 anti-IL18 binding protein antibody at 1:1000 dilution.