

ARG23577
anti-IL18 antibody [7-G-8]Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [7-G-8] recognizes IL18. This product recognizes natural and recombinant porcine IL-18. The antibody does not recognize porcine IL-1beta, IL-8, IL-12 or IFNγ, nor does it cross react with human or murine IL-18.
Tested Reactivity	Pig
Tested Application	ELISA, WB
Host	Mouse
Clonality	Monoclonal
Clone	7-G-8
Isotype	IgG1
Target Name	IL18
Species	Pig
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
	ELISA	5 µg/ml (coating antibody)
	WB	Assay-dependent
Application Note	ELISA: mAb 7-G-8 as a capture antibody and biotinylated mAb 5-C-5 as a detection antibody. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

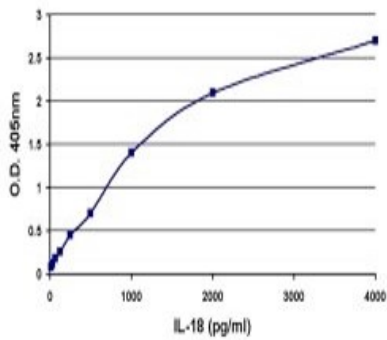
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% Sodium azide.
Preservative	0.09% 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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

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]
Calculated Mw	22 kDa
PTM	The pro-IL-18 precursor is processed by CASP1 or CASP4 to yield the active form. [UniProt]

Images



ARG23577 anti-IL18 antibody [7-G-8] ELISA image

ELISA: Standard curve showing measurement of recombinant Porcine IL-18 in an assay using ARG23577 anti-IL18 antibody [7-G-8] as capture antibody and ARG23579 anti-IL18 antibody [5-C-5] (Biotin) as detection antibody.