

## ARG23579 anti-IL18 antibody [5-C-5] (Biotin)

Package: 100 µg  
Store at: 4°C

### Summary

Product Description	Biotin-conjugated Mouse Monoclonal antibody [5-C-5] recognizes IL18. This product recognizes natural and recombinant porcine IL-18. It does not recognize porcine IL-1beta, IL-8, IL-12 or IFNgamma, nor does it cross react with human or murine IL-18.
Tested Reactivity	Pig
Tested Application	ELISA
Host	Mouse
Clonality	Monoclonal
Clone	5-C-5
Isotype	IgG1
Target Name	IL18
Species	Pig
Conjugation	Biotin
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	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>ELISA</td><td>Assay-dependent</td></tr></tbody></table>	Application	Dilution	ELISA	Assay-dependent
Application	Dilution				
ELISA	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	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. 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

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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]