# ARG23578
# anti-IL18 antibody [5-C-5]

Package: 100 µg
Store at: -20°C

## Summary

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| Product Description | Mouse Monoclonal antibody [5-C-5] recognizes IL18.<br>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, WB |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | 5-C-5 |
| Isotype | IgG1 |
| Target Name | IL18 |
| Species | Pig |
| Conjugation | Un-conjugated |
| Alternate Names | Iboctadekin; 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 | Assay-dependent |
| 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

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| 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

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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] |