

## IL-18 recombinant antibody

Anti-IL-18 Reference Antibody (GSK 1070806)

| CATALOG # | HOST     | REACTIVITY                        | APPLICATIONS                                              |
|-----------|----------|-----------------------------------|-----------------------------------------------------------|
| AAA296955 | CHO Cell | Human, Rhesus Macaque, Cynomolgus | Functional Assay, Flow Cytometry, Functional Assay, ELISA |

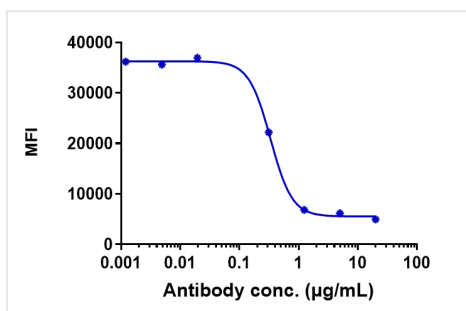
### PRODUCT SYNONYMS

IL-18; Monoclonal Recombinant Antibody; Anti-IL-18 Reference Antibody (GSK 1070806); IL-18 recombinant antibody

### PRODUCT SPECIFICATIONS

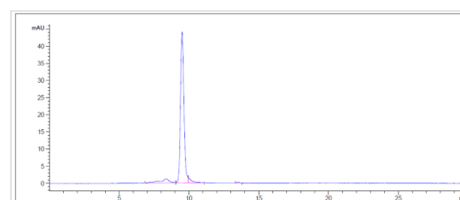
|                                                        |                                                                                                                                                  |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                   | CHO Cell                                                                                                                                         |
| Reactivity                                             | Human, Rhesus Macaque, Cynomolgus                                                                                                                |
| Clonality                                              | Monoclonal                                                                                                                                       |
| Isotype                                                | IgG1                                                                                                                                             |
| Specificity                                            | IL-18                                                                                                                                            |
| Form/Format                                            | Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.                 |
| Concentration                                          | 1mg/ml (varies by lot)                                                                                                                           |
| Applicable Applications for IL-18 recombinant antibody | FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA                                                                                          |
| Endotoxin                                              | < 0.001EU/ug, determined by LAL method.                                                                                                          |
| Conjugation                                            | Unconjugated                                                                                                                                     |
| Dry Ice Note                                           | The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.                                               |
| Preparation and Storage                                | Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles. |

### IMAGES



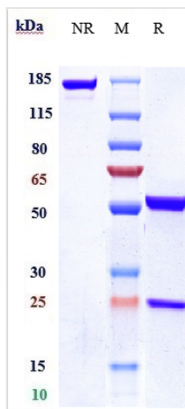
#### FCM/FACS (Flow Cytometry)

Anti-IL-18 Reference Antibody (GSK 1070806)-induced FACS Blocking activity was evaluated using Hu IL-18Ralpha-Hu IL-18Rbeta-HEK293-A8. The IC50 was approximately 0.335 ug/mL.



#### Application Data

The purity of Anti-IL-18 Reference Antibody (GSK 1070806) is more than 95% ,determined by SEC-HPLC.



#### SDS-PAGE

Anti-IL-18 Reference Antibody (GSK 1070806) on SDS-PAGE under reducing (R) condition.  
The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

### ADDITIONAL INFORMATION

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| Product Categories/Family for IL-18 recombinant antibody | Primary Antibodies |
|----------------------------------------------------------|--------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| NCBI GI #                        | 342349321                                                                               |
| NCBI GeneID                      | 3606                                                                                    |
| NCBI Accession #                 | NP_001230140.1                                                                          |
| NCBI GenBank Nucleotide #        | NM_001243211.1                                                                          |
| UniProt Accession #              | Q14116; O75599; Q6FGY3; Q6WWJ7                                                          |
| Molecular Weight                 | 22,326 Da                                                                               |
| NCBI Official Full Name          | interleukin-18 isoform 2 proprotein                                                     |
| NCBI Official Synonym Full Names | interleukin 18 (interferon-gamma-inducing factor)                                       |
| NCBI Official Symbol             | IL18                                                                                    |
| NCBI Official Synonym Symbols    | IGIF; IL-18; IL-1g; IL1F4                                                               |
| NCBI Protein Information         | interleukin-18; IL-1 gamma; iboctadekin; interleukin-1 gamma; IFN-gamma-inducing factor |
| UniProt Protein Name             | Interleukin-18                                                                          |
| UniProt Gene Name                | IL18                                                                                    |
| UniProt Synonym Gene Names       | IGIF; IL1F4; IL-18; IFN-gamma-inducing factor; IL-1 gamma                               |
| UniProt Entry Name               | IL18_HUMAN                                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/il-18-recombinant-antibody-functional-assay-flow-cytometry-elisa/296955>