10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Anti-IL-18R Beta Reference Antibody (Jing Medicine patent anti-IL-18R Beta)

Catalog # APR11288

## Product Information

| | |
|---|---|
| **Application** | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| **Primary Accession** | O95256 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Isotype** | IgG4SP-Opti |
| **Calculated MW** | 68310 |

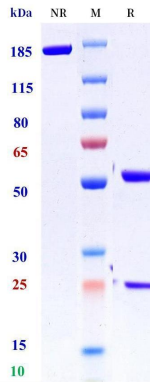
## Additional Information

| | |
|---|---|
| **Target/Specificity** | IL-18RB |
| **Expression system** | CHO |

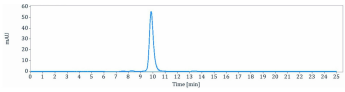
## Protein Information

| | |
|---|---|
| **Name** | IL18RAP ( HGNC:5989) |
| **Synonyms** | IL1R7 |
| **Function** | Within the IL18 receptor complex, does not mediate IL18- binding, but involved in IL18-dependent signal transduction, leading to NF-kappa-B and JNK activation (PubMed:14528293, PubMed:25500532, PubMed:9792649). May play a role in IL18-mediated IFNG synthesis from T-helper 1 (Th1) cells (Probable). |
| **Cellular Location** | Cell membrane; Single-pass type I membrane protein |
| **Tissue Location** | Detected in adrenal gland, bone marrow, brain, fetal brain, fetal liver, heart, kidney, lung, liver, peripheral blood leukocytes, placenta, prostate, salivary gland, skeletal muscle, spinal cord, testis, thymus, thyroid, trachea and uterus (PubMed:17897836) Strongly expressed in peripheral blood leukocytes and spleen and, to a lesser extent, in colon (PubMed:9792649). Specifically coexpressed with IL18R1 in T-helper 1 (Th1)cells (PubMed:10653850, PubMed:10925275, PubMed:11046021). |

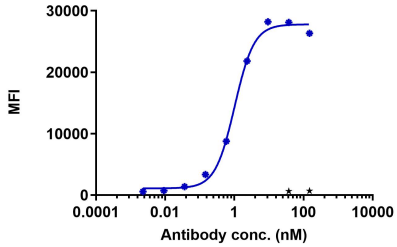
## Images




patent anti-IL-18R Beta) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-IL-18R Beta Reference Antibody (Jing Medicine patent anti-IL-18R Beta) is 98.02%, determined by SEC-HPLC.




Hu IL-18Rα-Hu IL-18Rβ-HEK293-A8 cell line were stained with Jing Medicine patent anti-IL-18R Beta and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 1.023 nM.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.