

Anti-CDw218a / IL18R1 Antibody (aa32-329)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18129**Specification**

Anti-CDw218a / IL18R1 Antibody (aa32-329) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q13478
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62304

Anti-CDw218a / IL18R1 Antibody (aa32-329) - Additional Information**Gene ID 8809**Alias Symbol **IL18R1****Other Names**

IL18R1, CD218a antigen, CDw218a, CD218a, IL-1Rrp, IL1 receptor-related protein, IL18RA, Interleukin-18 receptor 1, IL1RRP, IL-18R-1, Cytokine receptor, IL-18R1, IL1R-rp, Interleukin 18 receptor 1

Target/Specificity

Human CDw218a / IL18R1.

Reconstitution & Storage

Affinity purified

Precautions

Anti-CDw218a / IL18R1 Antibody (aa32-329) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CDw218a / IL18R1 Antibody (aa32-329) - Protein Information**Name** IL18R1 ([HGNC:5988](#))**Synonyms** IL1RRP**Function**

Within the IL18 receptor complex, responsible for the binding of the pro-inflammatory cytokine IL18, but not IL1A nor IL1B (PubMed: [8626725](http://www.uniprot.org/citations/8626725), PubMed: [14528293](http://www.uniprot.org/citations/14528293), PubMed: [25261253](http://www.uniprot.org/citations/25261253), PubMed: [25500532](http://www.uniprot.org/citations/25500532), PubMed: [37993714](http://www.uniprot.org/citations/37993714)). Involved in IL18-mediated IFNG synthesis from T- helper 1 (Th1) cells (PubMed: [10653850](http://www.uniprot.org/citations/10653850))

target="_blank">10653850). Contributes to IL18-induced cytokine production, either independently of SLC12A3, or as a complex with SLC12A3 (By similarity).

Cellular Location

Membrane; Single- pass type I membrane protein

Tissue Location

Highly expressed in leukocytes, spleen, lung. Also expressed, but at lower levels, in liver, small intestine, colon, prostate, thymus, placenta, and heart. Specifically coexpressed with IL18R1 in Th1 cells (PubMed:10925275, PubMed:11046021, PubMed:10653850).

Anti-CDw218a / IL18R1 Antibody (aa32-329) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CDw218a / IL18R1 Antibody (aa32-329) - Images