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Anti-CDw218a / IL18R1 Antibody (aa32-329)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18129

Product Information

Application	WB, IHC-P, E
Primary Accession	Q13478
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62304
Concentration (mg/ml)	1 mg/ml

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.

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:14528293, PubMed:25261253, PubMed:25500532, PubMed:37993714, PubMed:8626725). Involved in IL18-mediated IFNG synthesis from T-helper 1 (Th1) cells (PubMed: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:10653850, PubMed:10925275, PubMed:11046021).

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