



Anti-IL18R1 monoclonal antibody, clone H44 [Biotin] (CABT-49008MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD218a antibody, clone H44 recognizes the human IL-18 receptor alpha chain also known as CDw218a. This receptor is expressed by T and B lymphocytes, at low levels in resting cells and at higher levels following stimulation by IL-12. IL-18 binding requires both the IL-18 alpha and beta chains. Mouse anti human CD218a antibody, clone H44 has been shown to block the binding of recombinant IL-18 to the receptor. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells or 100ul whole blood.
Specificity	IL18R1
Immunogen	CDw218a (IL-18R) transfected p815 cells.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	H44
Conjugate	Biotin
Applications	FC
Format	Purified IgG conjugated to Biotin - liquid
Size	100 µg
Preservative	0.09% Sodium Azide
Storage	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend

microcentrifugation before use.

GENE INFORMATION

Gene Name	IL18R1 interleukin 18 receptor 1 [Homo sapiens (human)]
Official Symbol	IL18R1
Synonyms	IL18R1; interleukin 18 receptor 1; CD218a; IL18RA; IL1RRP; CDw218a; IL-1Rrp; interleukin-18 receptor 1; IL-18R1; IL1R-rp; IL-18R-1; IL18Ralpha2; cytokine receptor; IL1 receptor-related protein; CD218 antigen-like family member A;
Entrez Gene ID	8809
Protein Refseq	NP_001269328
UniProt ID	Q13478
Chromosome Location	2q12
Pathway	Cytokine-cytokine receptor interaction; IL12 signaling mediated by STAT4; IL12-mediated signaling events; IL23-mediated signaling events; Inflammatory bowel disease (IBD); TNF signaling pathway;
Function	interleukin-1 receptor activity; interleukin-18 receptor activity; protein binding; receptor activity;