

IL18R1 Conjugated Antibody

Catalog No: #C38443



Package Size: #C38443-AF350 100ul #C38443-AF405 100ul #C38443-AF488 100ul
 #C38443-AF555 100ul #C38443-AF594 100ul #C38443-AF647 100ul
 #C38443-AF680 100ul #C38443-AF750 100ul #C38443-Biotin 100ul

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Description

Product Name	IL18R1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total IL18R1 antibody.
Immunogen Description	Recombinant protein of human IL18R1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD218a; IL18RA; IL1RRP; CDw218a; IL-1Rrp;
Accession No.	Swiss-Prot#:Q13478NCBI Gene ID:8809
Uniprot	Q13478
GeneID	8809;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	62
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This receptor specifically binds interleukin 18 (IL18), and is essential for IL18 mediated signal transduction. IFN-alpha and IL12 are reported to induce the expression of this receptor in NK and T cells. This gene along with four other members of the interleukin 1 receptor family, including IL1R2, IL1R1, ILRL2 (IL-1Rp2), and IL1RL1 (T1/ST2), form a gene cluster on chromosome 2q. [provided by RefSeq, Jul 2008]

Note: This product is for in vitro research use only