

IL18R1 Monoclonal Antibody (70625.111)

Catalog Number MA1-24813

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Mouse / IgG1	Tested Applications	
Class	Monoclonal	ELISA (ELISA)	0.5-1 µg/mL
Type	Antibody	Western Blot (WB)	1-2 µg/mL
Clone	70625.111	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Recombinant, full length human IL18R1 protein expressed in mouse NSO cells.		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	purified		
Storage buffer	PBS		
Contains	no preservative		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

In Neutralization assays at a concentration of 0.12 µg/mL, this antibody will neutralize 50% of the bioactivity due to 50 ng/mL recombinant human IL18 using activated human T cells. Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

IL18R1 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. The 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.

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