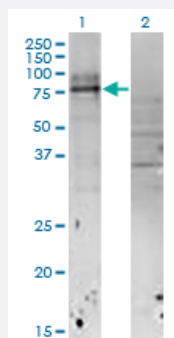


IL18RAP monoclonal antibody (M04), clone 4G4

Catalog # H00008807-M04

Size 100 ug

Applications

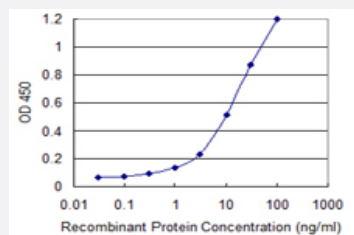


Western Blot (Transfected lysate)

Western Blot analysis of IL18RAP expression in transfected 293T cell line by IL18RAP monoclonal antibody (M04), clone 4G4.

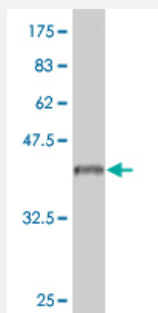
Lane 1: IL18RAP transfected lysate (Predicted MW: 68.3 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IL18RAP is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant IL18RAP.

Immunogen	IL18RAP (NP_003844, 20 a.a. ~ 129 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FNISGCSTKLLWTYSTRSEEEFVLFCDLPEPQKSHFCHRNRLSPKQVPEHLPFMGSDNLSDVQWYQQPSNGDPLEDIRKSYPHIQDKCTLHFLTPGVNNSGSYICRPK
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of IL18RAP expression in transfected 293T cell line by IL18RAP monoclonal antibody (M04), clone 4G4.

Lane 1: IL18RAP transfected lysate (Predicted MW: 68.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IL18RAP is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — IL18RAP

Entrez GeneID [8807](#)

GeneBank Accession# [NM_003853](#)

Protein Accession#	NP_003844
Gene Name	IL18RAP
Gene Alias	ACPL, CD218b, CDw218b, IL18RB, MGC120589, MGC120590
Gene Description	interleukin 18 receptor accessory protein
Omim ID	604509
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an accessory subunit of the heterodimeric receptor for IL18. This protein enhances the IL18 binding activity of IL18R1 (IL1RRP), a ligand binding subunit of IL18 receptor. The coexpression of IL18R1 and this protein is required for the activation of NF-kappa B and MAPK8 (JNK) in response to IL18. [provided by RefSeq]
Other Designations	IL-18 receptor beta OTTHUMP00000161337 accessory protein-like

Publication Reference

- [Gene expression profiling in the synovium identifies a predictive signature of absence of response to adalimumab therapy in rheumatoid arthritis.](#)

Badot V, Galant C, Nzeusseu Toukap A, Theate I, Maudoux AL, Van den Eynde BJ, Durez P, Houssiau FA, Lauwerys BR. Arthritis Research & Therapy 2009 Apr; 11(2):R57.

Application: IHC-Fr, Human, Human lung cancer

- [Association study of the IL18RAP locus in three European populations with coeliac disease.](#)

Koskinen LL, Einarsdottir E, Dukes E, Heap GA, Dubois P, Korponay-Szabo IR, Kaukinen K, Kurppa K, Ziberna F, Vatta S, Not T, Ventura A, Sistonen P, Adany R, Pocsai Z, Szeles G, Maki M, Kere J, Wijmenga C, van Heel DA, Saavalainen P. Human Molecular Genetics 2009 Mar; 18(6):1148.

Application: WB, IHC, Human, PBMCs, Intestine

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Colitis](#)
- [Coronary Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Inflammatory Bowel Diseases](#)
- [Intervertebral Disk Displacement](#)
- [Osteoarthritis](#)
- [Schizophrenia](#)