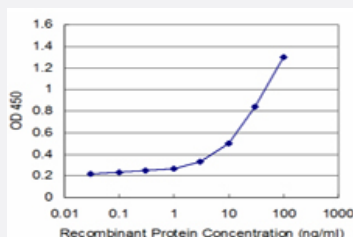


IL12RB2 monoclonal antibody (M02), clone 2H6

Catalog # H00003595-M02

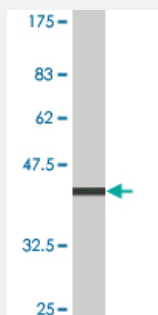
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IL12RB2 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant IL12RB2.

Immunogen

IL12RB2 (NP_001550, 105 a.a. ~ 214 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

CINSDEIQICGAEIFVGVAPEQPQNLSICIQKGEQGTVACTWERGRDTHLYTEYTLQLSGPKNLTWQ
KQCKDIYCDYLDGFINLTPESPESNFTAKVTAVNSLGSSSSLPS

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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IL12RB2 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — IL12RB2

Entrez GeneID

[3595](#)

GeneBank Accession#

[NM_001559](#)

Protein Accession#

[NP_001550](#)

Gene Name

IL12RB2

Gene Alias

-

Gene Description

interleukin 12 receptor, beta 2

Omim ID

[601642](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a type I transmembrane protein identified as a subunit of the interleukin 12 receptor complex. The coexpression of this and IL12RB1 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. The expression of this gene is up-regulated by interferon gamma in Th1 cells, and plays a role in Th1 cell differentiation. The up-regulation of this gene is found to be associated with a number of infectious diseases, such as Crohn's disease and leprosy, which is thought to contribute to the inflammatory response and host defense. [provided by RefSeq]

Other Designations

IL-12 receptor beta 2|OTTHUMP00000010662|interleukin-12 receptor beta-2 chain

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Acute Disease](#)
- [Alveolar Bone Loss](#)
- [Anemia](#)
- [Asthma](#)
- [Behcet Syndrome](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Gram-Negative Bacterial Infections](#)
- [Hematologic Diseases](#)

- [Hodgkin Disease](#)
- [Hyperparathyroidism](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Kidney Failure](#)
- [Leprosy](#)
- [Liver Cirrhosis](#)
- [Lymphoproliferative Disorders](#)
- [Malaria](#)
- [Measles](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Mumps](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Periodontitis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Psoriasis](#)
- [Radiodermatitis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rubella](#)
- [Sarcoidosis](#)
- [Skin Diseases](#)
- [Tuberculosis](#)
- [Waldenstrom Macroglobulinemia](#)

- [Werner syndrome](#)