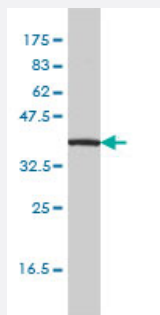


IL11RA monoclonal antibody (M01), clone 2D4-F4

Catalog # H00003590-M01

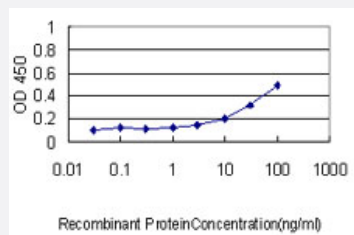
Size 100 ug

Applications



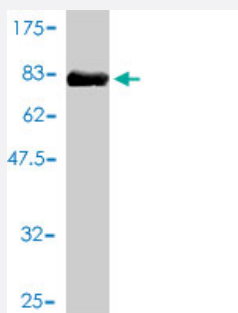
Western Blot (Cell lysate)

IL11RA monoclonal antibody (M01), clone 2D4-F4 Western Blot analysis of IL11RA expression in Jurkat (Cat # L017V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IL11RA is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (72.16 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant IL11RA.

Immunogen	IL11RA (AAH03110, 1 a.a. ~ 422 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSSSCSGLSRVLVAVATALVSASSPCQAWGPPGVQYGQPGRSVKLCCPGVTAGDPVSWFR DGEPKLLQGPDSGLGHELVLAAQADSTDEGTICQTLTGALGGTVTLQLGYPPARPVVSCQAADY ENFSCTWSPSQISGLPTRYLTSYRKKTVLGADSQRRSPSTGPWPCPDPLGAARCVVHGAEFW SQYRINVTEVNPLGASTRLLDVSLQSILRPDPPQGLRVESVPGYPRRLRASWTYPASWPCQPHFL LKFRLLQYRPAQHPAWSTVEPAGLEEVITDAVAGLPHAVRVSAARDFLDAGTWSTWSPEAWGTPS TGTPKEIPAWGQLHTQPEVEPQVDSAPPRLSLQPHPRLLDHRDSVEQVAVLASLGLSFLGLV AGALALGLWLRRLRRGGKDGSPKPGFLASVIPVDRRPGAPNL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (82)
Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (72.16 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 (Cell lysate)

IL11RA monoclonal antibody (M01), clone 2D4-F4 Western Blot analysis of IL11RA expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IL11RA is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — IL11RA

Entrez GeneID [3590](#)

GeneBank Accession# [BC003110](#)

Protein Accession# [AAH03110](#)

Gene Name IL11RA

Gene Alias MGC2146

Gene Description interleukin 11 receptor, alpha

Omim ID [600939](#)

Gene Ontology [Hyperlink](#)

Gene Summary Interleukin 11 is a stromal cell-derived cytokine that belongs to a family of pleiotropic and redundant cytokines that use the gp130 transducing subunit in their high affinity receptors. This gene encodes the IL-11 receptor, which is a member of the hematopoietic cytokine receptor family. This particular receptor is very similar to ciliary neurotrophic factor, since both contain an extracellular region with a 2-domain structure composed of an immunoglobulin-like domain and a cytokine receptor-like domain. Alternative splicing has been observed at this locus, and three variants encoding two different isoforms have been identified. [provided by RefSeq]

Other Designations OTTHUMP00000021300|OTTHUMP00000021301|interleukin-11 receptor alpha chain

Pathway

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

Disease

- [Arthritis](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Silicosis](#)