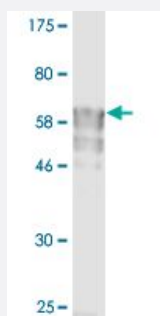


IL11RA monoclonal antibody (M02), clone 3D4-G4

Catalog # H00003590-M02

Size 100 ug

Applications



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

MSSSCSGLSRVLVAVATALVSASSPCQAWGPPGVQYQGPRSVKLCPCGVTAGDPVSWFR
DGEPKLLQGPDSGLGHELVLAQADSTDEGTICQTLDGALGGTVTLQLGYPPARPVVSCQAADY
ENFSCTWSPSQISGLPTRYLTSYRKKTVLGADSQRRSPSTGPWPCPDPLGAARCVVHGAEFW
SQYRINVTEVNPLGASTRLLDVSLQSLRPDPPQGLRVESVPGYPRRLRASWTYPASWPCQPHFL
LKFRLLQYRPAQHPAWSTVEPAGLEEVITDAVAGLPHAVRVSARDFLDAGTWSTWSPEAWGTPS
TGTPKEIPAWGQLHTQPEVEPQVDSPAPPRPSLQPHPRLLDHRDSVEQVAVLASLGLSFLGLV
AGALALGLWLRRLRRGGKDGSPKPGFLASVIPVDRRPGAPNL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (83); Rat (82)

Isotype

IgG2b 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 (Recombinant protein)

[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](#)