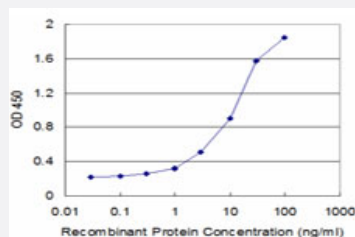


IL11 monoclonal antibody (M17), clone 1F1

Catalog # H00003589-M17

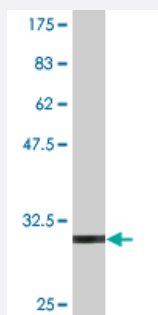
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IL11 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (31.24 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant IL11.
Immunogen	IL11 (NP_000632.1, 25 a.a. ~ 74 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PPGPPRVSPDPRAELDSTVLLTRSLADTRQLAAQLRDKFPADGDHNLDS
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (31.24 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 IL11 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — IL11

Entrez GeneID

[3589](#)

GeneBank Accession#

[NM_000641](#)

Protein Accession#

[NP_000632.1](#)

Gene Name

IL11

Gene Alias

AGIF, IL-11

Gene Description

interleukin 11

Omim ID

[147681](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the gp130 family of cytokines. These cytokines drive the assembly of multisubunit receptor complexes, all of which contain at least one molecule of the transmembrane signaling receptor IL6ST (gp130). This cytokine is shown to stimulate the T-cell-dependent development of immunoglobulin-producing B cells. It is also found to support the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells. [provided by RefSeq]

Other Designations

adipogenesis inhibitory factor|oprelvekin

Pathway

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

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Psychiatric Status Rating Scales](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)