



IL-11 Monoclonal Antibody

Catalog No	YP-Ab-15839
Isotype	IgG
Reactivity	Human
Applications	WB;ELISA
Gene Name	IL11
Protein Name	Interleukin-11
Immunogen	Purified recombinant fragment of human IL-11 expressed in E. Coli.
Specificity	IL-11 Monoclonal Antibody detects endogenous levels of IL-11 protein.
Formulation	Purified antibody in PBS containing 0.03% sodium azide.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IL11; Interleukin-11; IL-11; Adipogenesis inhibitory factor; AGIF; Oprelvekin
Calculated Molecular Weight	21kDa
Observed Band	25kDa
Cell Pathway	Secreted .
Tissue Specificity	Bone marrow,Prostate,
Function	function:Directly stimulates the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells and induces megakaryocyte maturation resulting in increased platelet production.,online information:Clinical information on Neumega,online information:Interleukin-11 entry,pharmaceutical:Available under the name Neumega (Wyeth). Used for the prevention of severe thrombocytopenia and the reduction of the need for platelet transfusion following myelosuppressive chemotherapy.,similarity:Belongs to the IL-6 superfamily.,
Background	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.



Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jun 2012],

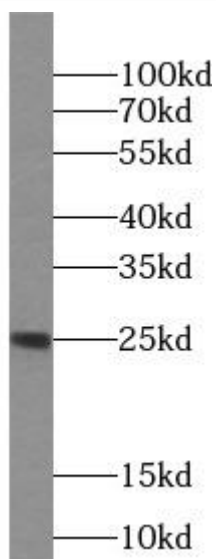
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis using IL-11 Monoclonal Antibody against truncated IL-11 recombinant protein.