





IL-11 Polyclonal Antibody

| Catalog No | BYab-15928 |
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| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | IHC;IF;ELISA |
| Gene Name | IL11 |
| Protein Name | Interleukin-11 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human IL-11. AA range:27-76 |
| Specificity | IL-11 Polyclonal Antibody detects endogenous levels of IL-11 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | IHC: 1/100 - 1/300. ELISA: 1/5000 IF 1:50-200 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | IL11; Interleukin-11; IL-11; Adipogenesis inhibitory factor; AGIF; Oprelvekin |
| Observed Band | |
| 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 |

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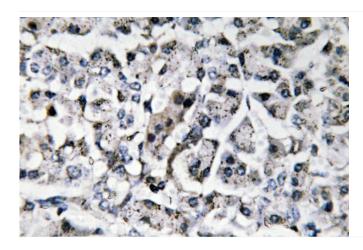






| | IL6ST (gp130). This cytokine is shown to stimulate the T-cell-dependent development of immunoglobulin-producing B cells. It is also found to support the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jun 2012], |
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| 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



Immunohistochemistry analysis of IL-11 antibody in paraffin-embedded human pancreas tissue.

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