
Product Name: IL-6 Rabbit Polyclonal Antibody**Catalog #: APRab04151**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 24 kDa; Observed MW: 24 kDa

Antigen Information

Gene Name	IL6
Alternative Names	IL6; IFNB2; Interleukin-6; IL-6; B-cell stimulatory factor 2; BSF-2; CTL differentiation factor; CDF; Hybridoma growth factor; Interferon beta-2; IFN-beta-2
Gene ID	3569
SwissProt ID	P05231
Immunogen	Recombinant protein of human IL6

Background

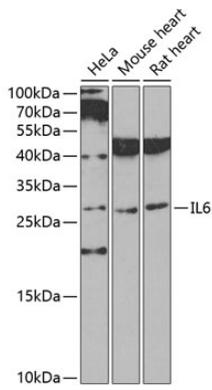
Interleukine 6 (IL-6) is a cytokine produced primarily by stimulated monocytes, fibroblasts and epithelial cells. It has a wide

variety of biological functions through activating a cell surface signaling assembly composed of IL6, IL6RA, and the shared signaling receptor gp130. The cytokine plays an essential role in the final differentiation of b-cells into Ig-secreting cells, and induces myeloma, plasmacytoma growth, nerve cells differentiations. In addition, IL-6 is an important regulator of acute phase reaction.

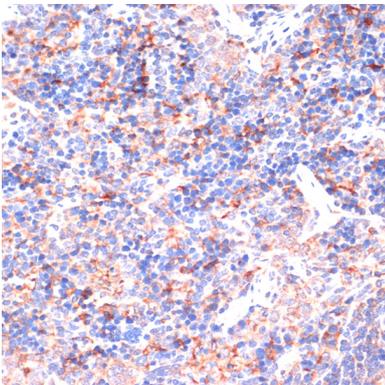
Research Area

Immunology

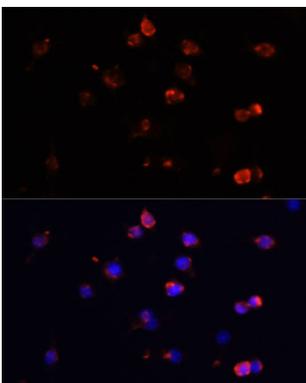
Image Data



Western blot analysis of IL-6 in various cell lines lysates using IL-6 antibody.



Immunohistochemistry analysis of paraffin-embedded mouse spleen using IL-6 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of IL-6 in RAW264.7 cells using IL-6 antibody, and DAPI (blue).