

Anti-IL-6 Rabbit pAb

Purified Rabbit Polyclonal Antibody

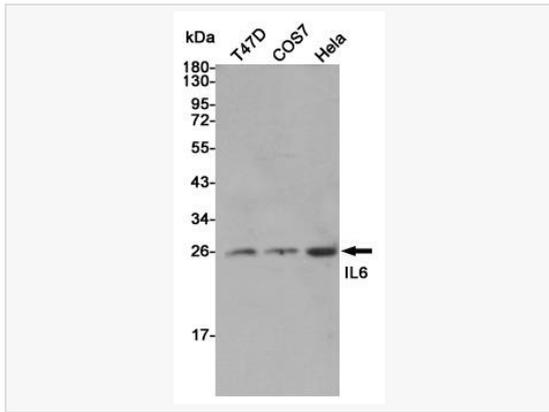
Catalog # P013556

Product Information

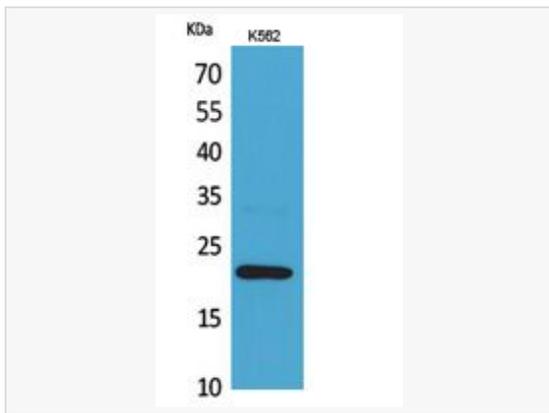
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human IL6.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IL-6 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

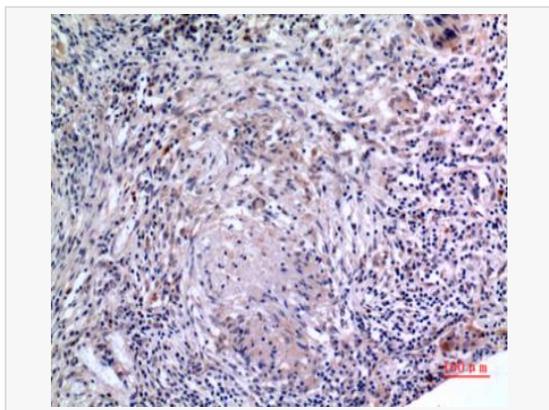
Synonyms	IL6, IFNB2, Interleukin-6, IL-6, B-cell stimulatory factor 2, BSF-2, CTL differentiation factor, CDF, Hybridoma growth factor, Interferon beta-2, IFN-beta-2.
Calculated MW	Calculated MW: 24 kDa; Observed MW: 24 kDa
Uniprot ID	P05231
Gene ID	3569
Background	Interleukine 6 (IL-6) is a cytokine 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.



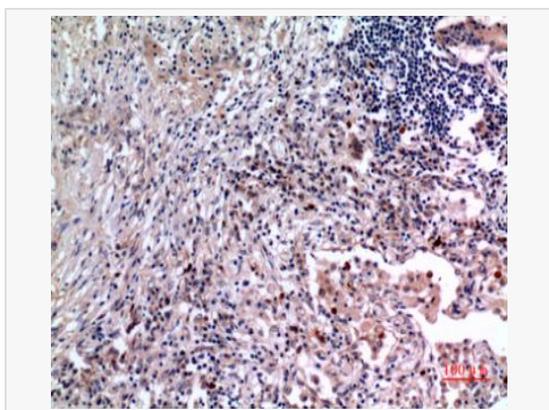
Western blot analysis of IL-6 in T47D, COS7 and HeLa lysates using IL-6 antibody.



Western blot analysis of IL-6 in K562 lysates using IL-6 antibody.



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



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