

IL-6 polyclonal antibody

Catalog: BCP00957

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. Plays an essential role in the final differentiation of B-cells into Ig-secreting cells Involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation Acts on B-cells, T-cells, hepatocytes, hematopoietic progenitor cells and cells of the CNS. Also acts as a myokine. It is discharged into the bloodstream after muscle contraction and acts to increase the breakdown of fats and to improve insulin resistance. Genetic variations in IL6 are associated with susceptibility to rheumatoid arthritis systemic juvenile. An inflammatory articular disorder with systemic-onset beginning before the age of 16. It represents a subgroup of juvenile arthritis associated with severe extraarticular features and occasionally fatal complications. During active phases of the disorder, patients display a typical daily spiking fever, an evanescent macular rash, lymphadenopathy, hepatosplenomegaly, serositis, myalgia and arthritis.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 23 kDa

Swiss-Prot:

P05231

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:2000

IHC: 1:50~1:200

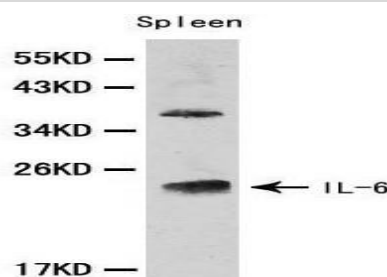
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

IL-6 polyclonal antibody detects endogenous levels of IL-6 protein.

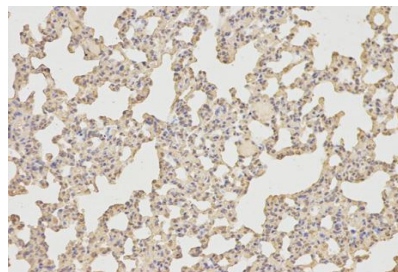
DATA:



Western blot (WB) analysis of IL-6 polyclonal antibody at 1:500 dilution

Lane1:HCC827 whole cell lysate(40ug)

Lane2:PC3 whole cell lysate(40ug)



Immunohistochemistry (IHC) analysis of IL-6 pAb in paraffin-embedded Rat Lung tissue.

Note:

For research use only, not for use in diagnostic procedure.