

# IL6 Polyclonal Antibody

Catalog Number:E-AB-30095

3 Publications



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

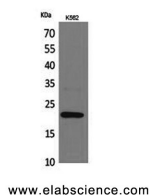
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human IL-6.
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

## Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:100-1:300
<b>ELISA</b>	1:10000-1:20000

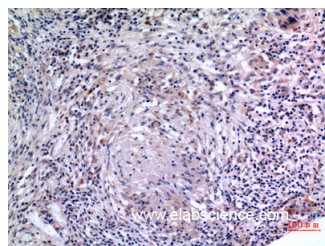
## Data



Western Blot analysis of K562 cells using IL6 Polyclonal Antibody at dilution of 1:1000.

**Observed Mw:23kDa**

**Calculated Mw:21-30kDa**



Immunohistochemistry of paraffin-embedded Human lung tissue using IL6 Polyclonal Antibody at dilution of 1:100.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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.

## For Research Use Only

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