

# Human IL-6 Polyclonal Antibody

<b>CATALOG #:</b>	5143-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	Recombinant human IL-6 (Internal ID# BV-910)

## FORMULATION:

100µg (0.5 mg/ml) affinity purified rabbit anti-human IL-6 polyclonal antibody in phosphate (PBS, pH 7.2) containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

## STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freezing/defrost cycles.

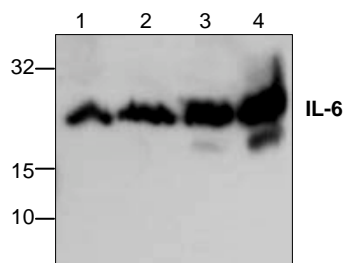
## BACKGROUND DESCRIPTION:

IL-6 is a potent lymphoid cell growth factor that stimulates the growth and survivability of certain B cells and T cells. Human IL-6 is a 20.9 kDa protein containing 184 amino acid residues.

## APPLICATION:

The antibody can be used in Western Blotting (0.5-4.0 µg/ml). Per researcher's feedback the antibody also works well in Neutralization (2-4 µg/ml). However, the optimal condition should be determined individually. Blocking peptide (Cat.# 5143BP-50) is available separately.

**USAGE:** For Research use only. Not for use in diagnostic procedures.



Cat. #:5143-100  
Western blot analysis using recombinant human IL-6.  
Lane 1: 10 ng  
Lane 2: 50 ng  
Lane 3: 250 ng  
Lane 4: 1 µg

## FEATURED PRODUCTS:

### Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

### Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

### Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

### Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

### Growth Factors and Cytokines

### Monoclonal and Polyclonal Antibodies