

## Anti-Human MIP-1 $\beta$ Polyclonal Antibody

**CATALOG #:** 5247-100

**AMOUNT:** 100  $\mu$ g

**LOT #:** \_\_\_\_\_

**IMMUNOGEN:** *E. coli*-expressed recombinant human MIP-1 $\beta$

**HOST:** Rabbit

### FORMULATION:

100  $\mu$ g (0.5 mg/ml) antigen affinity-purified rabbit anti-human MIP-1 $\beta$  polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, and 0.02% thimerosal.

**SPECIES REACTIVITY:** human

### STORAGE CONDITIONS:

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

### BACKGROUND DESCRIPTION:

Human macrophage inflammatory protein-1 beta (MIP-1 beta) is a 7.6 kDa protein containing 69 amino acid residues. It plays an important role in the inflammatory response of blood monocytes and tissue macrophages.

### APPLICATION:

The antibody can be used for Western blot analysis (0.5-1  $\mu$ g/ml), Neutralization (5-20  $\mu$ g/ml), and ELISA (2-4  $\mu$ g/ml). However, the optimal conditions should be determined individually.

**FOR RESEARCH PURPOSE ONLY! Not to be used in human subjects!**

### RELATED 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
- $\beta$ -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

#### Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies