

## CXCL12/SDF-1β Monoclonal Antibody(Capture)

catalog number: AN002250P

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

### Description

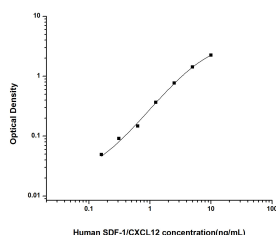
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human CXCL12/SDF-1β protein expressed by E.coli
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2a
<b>Clone</b>	9E8
<b>Purification</b>	Protein A/G Purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

### Applications

### Recommended Dilution

**ELISA Capture** 2-8 μg/mL

### Data



Sandwich ELISA-Recombinant Human CXCL12/SDF-1β protein standard curve. Background subtracted standard curve using CXCL12/SDF-1β antibody(AN002250P) (Capture), CXCL12/SDF-1β antibody(AN002260P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human CXCL12/SDF-1β protein is 0.16-10 ng/mL.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

This gene encodes a stromal cell-derived alpha chemokine member of the intercrine family. This gene product and its receptor CXCR4 can activate lymphocytes and have been implicated in the metastasis of some cancers such as breast cancer. Mutations in this gene are associated with resistance to human immunodeficiency virus type 1 infections. Multiple transcript variants encoding different isoforms have been found for this gene.

### For Research Use Only