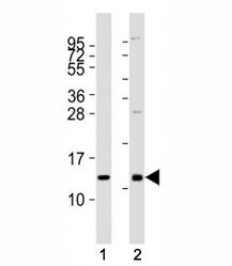
# CXCL12 Antibody / SDF1 (F53393)

| Catalog No. | Formulation | Size |
|---|---|---|
| F53393-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F53393-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity |
| **UniProt** | P48061 |
| **Applications** | Western blot: 1:2000 |
| **Limitations** | This CXCL12 antibody is available for research use only. |




Western blot testing of CXCL12 antibody at 1:2000 dilution. Lane 1: human heart lysate; 2: mouse kidney lysate; Predicted molecular weight: 9-12 kDa.

## Description

CXCL12 is a chemoattractant active on T-lymphocytes, monocytes, but not neutrophils. Activates the C-X-C chemokine receptor CXCR4 to induce a rapid and transient rise in the level of intracellular calcium ions and chemotaxis. [UniProt]

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CXCL12 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This CXCL12 antibody was produced from a rabbit immunized with a recombinant protein.

## Storage

Store at 4oC for up to one month. For long term, aliquot the CXCL12 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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