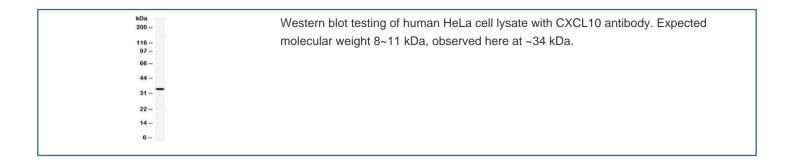


# **CXCL10 Antibody / IP10 (R31873)**

| Catalog No. | Formulation                                           | Size   |
|-------------|-------------------------------------------------------|--------|
| R31873      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

# **Bulk quote request**

| Availability       | 1-3 business days                                                                                          |
|--------------------|------------------------------------------------------------------------------------------------------------|
| Species Reactivity | Human                                                                                                      |
| Format             | Antigen affinity purified                                                                                  |
| Clonality          | Polyclonal (rabbit origin)                                                                                 |
| Isotype            | Rabbit IgG                                                                                                 |
| Purity             | Antigen affinity                                                                                           |
| Buffer             | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide                                              |
| UniProt            | P02778                                                                                                     |
| Applications       | Western Blot: 0.1-0.5ug/ml ELISA: 0.1-0.5ug/ml (human protein tested); request BSA-free format for coating |
| Limitations        | This CXCL10 antibody is available for research use only.                                                   |



#### **Description**

C-X-C motif chemokine 10 (CXCL10), also known as Interferon gamma-induced protein 10kDa (IP-10) or small-inducible cytokine B10, is a protein that in humans is encoded by the CXCL10 gene. It is a small cytokine belonging to the CXC chemokine family. The gene for CXCL10 is located on human chromosome 4 in a cluster among several other CXC chemokines. Luster et al. (1987) reported the isolation of an interferon-inducible gene that encodes a 98-amino acid protein called IP10. The chemokine IFN-gamma-inducible protein 10 (IP-10; CXCL10), a CXC chemokine, and its receptor, CXCR3, were found to be overexpressed in lymph node cells of EAMG rats. IP10 inhibits bone marrow colony formation, has antitumor activity in vivo, is a chemoattractant for human monocytes and T cells, and promotes T cell

adhesion to endothelial cells.

# **Application Notes**

Optimal dilution of the CXCL10 antibody should be determined by the researcher.

### **Immunogen**

Amino acids 22-98 of human IP10/CXCL10 were used as the immunogen for the CXCL10 antibody.

### **Storage**

After reconstitution, the CXCL10 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.