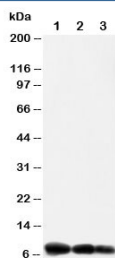


IP10 Antibody / CXCL10 (R30467)

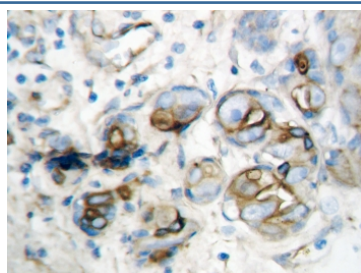
Catalog No.	Formulation	Size
R30467	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P02778
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This IP10 antibody is available for research use only.



Western blot testing of IP10 antibody and Lane 1: recombinant human protein 10ng; 2: 5ng; 3: 2.5ng



IHC-P: IP10 antibody testing of human breast cancer tissue

Description

C-X-C motif chemokine 10 (CXCL10), also known as Interferon gamma-induced protein 10 kDa (IP10) 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, 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

The stated application concentrations are suggested starting amounts. Titration of the IP10 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids 79-98 (SKAIKNLLKAVSKERSKRSP-human) were used as the immunogen for this IP10 antibody.

Storage

After reconstitution, the IP10 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.