



Anti-CXCL10 monoclonal antibody, clone MAFB3921 (CAB-1004MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse Anti-CXCL10 Monoclonal Antibody
Antigen Description	IP-10 was originally identified as an IFN- γ -inducible gene in monocytes, fibroblasts and endothelial cells. It has since been shown that IP-10 mRNA is also induced by LPS, IL-1 β , TNF- α , IL-12 and viruses. Additional cell types that have been shown to express IP-10 include activated T-lymphocytes, splenocytes, keratinocytes, osteoblasts, astrocytes, and smooth muscle cells. IP-10 is also expressed in psoriatic and lepromatous lesions of skin. The mouse homologue of human IP-10, Crg-2, has been cloned and shown to share approximately 67% amino acid sequence identity with human IP-10.
Specificity	Anti-CXCL10 recognizes recombinant protein CXCL10.
Target	CXCL10
Immunogen	Purified mouse monoclonal antibody generated using E.coli expressed recombinant protein CXCL10 (full length) as immunogen.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	MAFB3921
Conjugate	Unconjugated
Applications	ELISA, WB, IHC
Format	Each vial contains 100 μ g IgG in 100 μ l of citrate-tris-HCl buffer pH7.0 with 0.02% Proclin 300.

Size	100 µl
Preservative	None
Storage	The antibody may be stored at -20°C for one year in its original formulation. Additionally, antibody may be stored at 2°C to 8°C for up to 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles of the diluted antibody.

GENE INFORMATION

Gene Name	CXCL10 chemokine (C-X-C motif) ligand 10 [Homo sapiens]
Official Symbol	CXCL10
Synonyms	CXCL10; chemokine (C-X-C motif) ligand 10; INP10, SCYB10, small inducible cytokine subfamily B (Cys X Cys), member 10; C-X-C motif chemokine 10; C7; crg 2; gIP 10; IFI10; IP 10; mob 1; gamma IP10; gamma-IP10; small-inducible cytokine B10; interferon-inducible cytokine IP-10; 10 kDa interferon gamma-induced protein; protein 10 from interferon (gamma)-induced cell line; small inducible cytokine subfamily B (Cys-X-Cys), member 10; INP10; IP-10; crg-2; mob-1; SCYB10; gIP-10;
Entrez Gene ID	3627
Protein Refseq	NP_001556
UniProt ID	A0A024RDA4
Chromosome Location	4q21
Pathway	CXCR3-mediated signaling events, organism-specific biosystem; Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	cAMP-dependent protein kinase regulator activity; chemokine activity; receptor binding;