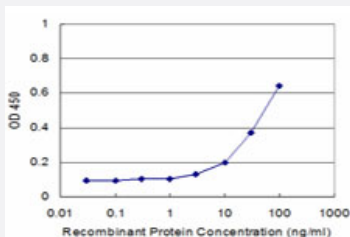


# CXCL11 monoclonal antibody (M10), clone 3D9

Catalog # H00006373-M10

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CXCL11 is approximately 3ng/ml as a capture antibody.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full length recombinant CXCL11.
<b>Immunogen</b>	CXCL11 (AAH05292, 1 a.a. ~ 94 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MSVKGMAIALAVILCATVVQGFPFMFKRGRCLCIGPGVKAVKQVADIEKASIMYPSNNCDKIEVIITLKENKGQRCLNPKSKQARLIKKVERKNF
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Rat (64)
<b>Isotype</b>	IgG2b Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CXCL11 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — CXCL11

Entrez GeneID [6373](#)

GeneBank Accession# [BC005292](#)

Protein Accession# [AAH05292](#)

Gene Name CXCL11

Gene Alias H174, I-TAC, IP-9, IP9, MGC102770, SCYB11, SCYB9B, b-R1

Gene Description chemokine (C-X-C motif) ligand 11

Omim ID [604852](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

Chemokines are a group of small (approximately 8 to 14 kD), mostly basic, structurally related molecules that regulate cell trafficking of various types of leukocytes through interactions with a subset of 7-transmembrane, G protein-coupled receptors. Chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis. Chemokines are divided into 2 major subfamilies, CXC and CC. This gene is a CXC member of the chemokine superfamily. Its encoded protein induces a chemotactic response in activated T-cells and is the dominant ligand for CXC receptor-3. The gene encoding this protein contains 4 exons and at least three polyadenylation signals which might reflect cell-specific regulation of expression. IFN-gamma is a potent inducer of transcription of this gene. [provided by RefSeq]

**Other Designations**

small inducible cytokine B11|small inducible cytokine subfamily B (Cys-X-Cys), member 11|small inducible cytokine subfamily B (Cys-X-Cys), member 9B

## Pathway

- [Chemokine signaling pathway](#)

- [Cytokine-cytokine receptor interaction](#)
- [Toll-like receptor signaling pathway](#)

## Disease

- [HIV Infections](#)