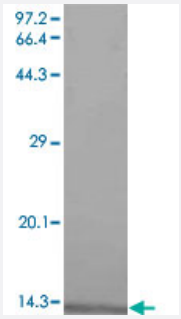
CXCL1 monoclonal antibody, clone 5G11

Catalog # MAB8882 Size 100 uL

Applications



Western Blot (Recombinant protein)

Western blot analysis in CXCL1 recombinant protein with CXCL1 monoclonal antibody, clone 5f252 (Cat # MAB8882) at 1 : 1000 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant CXCL1.
Amount	100 uL
Immunogen	Recombinant protein corresponding to amino acids 36-107 of human CXCL1.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes recombinant protein CXCL1.
Form	Liquid
Purification	Affinity purification
Concentration	1 ug/uL
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In citrate-Tris-HCl, pH7.0 (0.02% Proclin 300)

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

  Western blot analysis in CXCL1 recombinant protein with CXCL1 monoclonal antibody, clone 5f252 (Cat # MAB8882) at 1 : 1000 dilution.

Gene Info — CXCL1

Entrez GeneID	2919
Protein Accession#	NM_001511.2
Gene Name	CXCL1
Gene Alias	FSP, GRO1, GROa, MGSA, MGSA-a, NAP-3, SCYB1
Gene Description	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)
Omim ID	155730
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, based on the arrangement of the first 2 of the 4 conserved cysteine residues; the 2 cysteines are separated by a single amino acid in CXC chemokines and are adjacent in CC chemokines. CXC chemokines are further subdivided into ELR and non-ELR types based on the presence or absence of a glu-leu-arg sequence adjacent and N terminal to the CXC motif. ELR types are chemotactic for neutrophils, while non-ELR types are chemotactic for lymphocytes.[supplied by OMIM
Other Designations	GRO1 oncogene (melanoma growth stimulating activity, alpha)|GRO1 oncogene (melanoma growth-stimulating activity)|MGSA alpha|chemokine (C-X-C motif) ligand 1|fibroblast secretory protein|melanoma growth stimulatory activity alpha

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction
- Epithelial cell signaling in Helicobacter pylori infection

Disease

- Alzheimer disease
- Asthma
- Bronchiolitis
- Genetic Predisposition to Disease
- Infant
- Ovarian Neoplasms
- Respiratory Syncytial Virus Infections

Copyright © 2023 Abnova Corporation. All Rights Reserved.