

Mouse anti-Human CXCL1 Monoclonal Antibody | anti-CXCL1 antibody

Anti-CXCL1 Antibody, Mouse Monoclonal

CATALOG # AAA255237	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

CXCL1; Monoclonal Antibody; Anti-CXCL1 Antibody; Mouse Monoclonal; CXCL1 Antibody; Mouse MAb; chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity; alpha); Anti-CA21H Antibody; Anti-CAH1 Antibody; Anti-CPS1 Antibody; Anti-CYP21 Antibody; Anti-CYP21B Antibody; Anti-FSP Antibody; Anti-GRO1 Antibody; Anti-GROa Antibody; Anti-MGSA Antibody; Anti-MGSA-a Antibody; Anti-NAP-3 Antibody; Anti-P450c21B Antibody; Anti-SCYB1 Antibody; anti-CXCL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Number	04
Specificity	Human CXCL1
Purity/Purification	Protein A affinity chromatography.
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CXCL1 antibody	ELISA
Immunogen	Recombinant Human CXCL1 Protein
Conjugation	Unconjugated
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CXCL1 (rh CXCL1). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Sodium azide is recommended to avoid conatmination (final concentration 0.05%-0.1%). It is toxic to cels and should be disposed of properly. Avoid repeated freeze-thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CXCL1 antibody	IL17 signaling pathway
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References	Wang JG, et al. (2008) The chemokine CXCL1/growth related oncogene increases sodium currents and neuronal excitability in small diameter sensory neurons. Mol Pain. 4: 38. Acosta JC, et al. (2009) A role for CXCR2 in senescence, but what about in cancer? Cancer Res. 69(6): 2167-70. Onan D, et al. (2009) The chemokine Cxcl1 is a novel target gene of parathyroid hormone (PTH)/PTH-related protein in committed osteoblasts. Endocrinology. 150(5): 2244-53. Ritzman AM, et al. (2010) The chemokine receptor CXCR2 ligand KC (CXCL1) mediates neutrophil recruitment and is critical for development of experimental Lyme arthritis and carditis. Infect Immun. 78(11): 4593-600. Bolitho C, et al. (2010) The chemokine CXCL1 induces proliferation in epithelial ovarian cancer cells by transactivation of the epidermal growth factor receptor. Endocr Relat Cancer. 17(4): 929-40. Wenke AK, et al. (2011) The transcription factor AP-2γ regulates CXCL1 during cartilage development and in osteoarthritis. Osteoarthritis Cartilage. 19(2): 206-12.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504153
NCBI GeneID	2919
NCBI Accession #	NP_001502.1
NCBI GenBank Nucleotide #	NM_001511.3
UniProt Accession #	P09341; Q9UCR7
NCBI Official Full Name	growth-regulated alpha protein
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)
NCBI Official Symbol	CXCL1
NCBI Official Synonym Symbols	FSP; GRO1; GROa; MGSA; NAP-3; SCYB1; MGSA-a
NCBI Protein Information	growth-regulated alpha protein; MGSA alpha; GRO-alpha(1-73); C-X-C motif chemokine 1; fibroblast secretory protein; neutrophil-activating protein 3; melanoma growth stimulatory activity alpha; GRO1 oncogene (melanoma growth-stimulating activity); GRO1 onc
UniProt Protein Name	Growth-regulated alpha protein
UniProt Gene Name	CXCL1
UniProt Synonym Gene Names	GRO; GRO1; GROA; MGSA; SCYB1; MGSA; NAP-3
UniProt Entry Name	GROA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.