



20150116ML

Anti-Mouse CXCL1 (#13H12)**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	103-M353
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat) immunized with mouse recombinant protein of CXCL1.

Target Background

Synonyms (Target):	CXCL1
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All three isoforms of GRO (or CXCL1) are CXC chemokines that can signal through the CXCR1 or CXCR2 receptors. The GRO proteins chemoattract and activate neutrophils and basophils. Recombinant murine KC is a 7.8 kDa protein consisting of 72 amino acids including the 'ELR' motif common to the CXC chemokine family that bind to CXCR1 or CXCR2.

Database References Target

Protein RefSeq:	NP_032202.1
Uniprot ID:	P12850
mRNA RefSeq:	NM_008176.3

Product Specifications

Host	Rat
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#13H12)
Isotype	IgG2
Purification	Protein G/A chromatography
Antigen	mouse recombinant CXCL1
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody detects specifically mouse CXCL1 with WB.

**AVOID REPEATED FREEZE AND THAW CYCLES!****Applications**

The antibody can be used within the following applications:

WB, N

Recommended usage:

WB: 1:250-1000

Neutralization: Yes

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!