



20150116ML

Anti-Human CXCL6 (#10L25)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M356
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 mouse) immunized with human recombinant CXCL6 (also called GCP-2).

Target Background

Synonyms (Target):	CXCL6; GCP2; CKA-3; GCP-2; SCYB6
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GCP-2 or CXCL6 is a connective tissue derived CXC chemokine that can signal through the CXCR1 and CXCR2 receptors. GCP-2 selectively attracts neutrophils and has also been shown to exert anti-angiogenic activity. Human GCP-2 is cross-react on murine cells. Recombinant human GCP-2 is a 7.9 kDa protein containing 72 amino acid residues.

Database References Target

Protein RefSeq:	NP_002984.1
Uniprot ID:	P80162
mRNA RefSeq:	NM_002993.3

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#10L25)
Isotype	IgG1
Purification	Protein G chromatography
Antigen	human recombinant CXCL6
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 was selected for its ability to detect human CXCL6.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB, N

Recommended usage:

WB: 1:500-1000

Neutralization of CXCL6 mediated bioactivity

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