

Anti-Cxcl2 Neutralizing Antibody (V3S-0822-YC992)

Cat. No.: V3S-0822-YC992

Summary

Description	This product is a rat monoclonal antibody provided by Creative Biolabs. The antibody is capable of recognizing chemokine (C-X-C motif) ligand 2. It can be used for Cxcl2 detection in Neutralization Assay (Neut), Western Blot (WB). The antibody is expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Rat
Target Species	Mouse
Immunogen	Recombinant protein corresponding to mouse CXCL2.
Isotype	IgG2
Isotype Control	C62626; C45774; C23353
Secondary Antibody	C40224; C74571; C22227; C56421; C47763; C63764

Property

Conjugation	Unconjugated
Purity	>95%, determined by SDS-PAGE
Purification	Protein A or G purified
Storage	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application	Neut; WB
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Target

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Target	Cxcl2
Alternative Name	Cxcl2; chemokine (C-X-C motif) ligand 2; GROb; Gro2; Mip2; Scyb; MIP-2; Scyb2; MIP-2a; Mgsa-b; CINC-2a
Gene ID	20310
UniProt	P10889
Introduction	Chemokine (C-X-C motif) ligand 2 (CXCL2) is a small cytokine belonging to the CXC chemokine family that is also called macrophage inflammatory protein 2-alpha (MIP2-alpha), Growth-regulated protein beta (Gro-beta) and Gro oncogene-2 (Gro-2). CXCL2 is 90% identical in amino acid sequence as a related chemokine, CXCL1. This chemokine is secreted by monocytes and macrophages and is chemotactic for polymorphonuclear leukocytes and hematopoietic stem cells.
Research Area	Immunology

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