

## Anti-MIP-2/CXCL2 Antibody (Monoclonal, 34C62)

Catalog Number: M01435

### About Cxcl2

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. The gene for CXCL2 is located on human chromosome 4 in a cluster of other CXC chemokines. CXCL2 mobilizes cells by interacting with a cell surface chemokine receptor called CXCR2.

### Overview

Product Name	Anti-MIP-2/CXCL2 Antibody (Monoclonal, 34C62)
Reactive Species	Mouse
Description	Boster Bio Anti-MIP-2/CXCL2 Antibody (Monoclonal, 34C62) catalog # M01435. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Mouse.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal 34C62
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P10889

### Technical Details

Immunogen	Recombinant protein within mouse CXCL2 aa 3-98.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200

Immunocytochemistry/Immunofluorescence, 1:50-200  
ImmunoPrecipitation, 1:50  
Flow Cytometry (Fixed), 1:50-200

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