

## Anti-IL-8/CXCL8 Antibody (Monoclonal, 33C38)

Catalog Number: M00423-5

### About CXCL8

Interleukin-8 (IL-8) is a chemokine produced by macrophages and other cell types such as epithelial cells. It is also synthesized by endothelial cells, which store IL-8 in their storage vesicles, the Weibel-Palade bodies. In humans, the interleukin-8 protein is encoded by the IL8 gene. Interleukin-8 (IL8) is a member of the CXC chemokine family. IL-8 is believed to play a role in the pathogenesis of bronchiolitis, a common respiratory tract disease caused by viral infection. This gene and other ten members of the CXC chemokine gene family form a chemokine gene cluster in a region mapped to chromosome 4q. The genes for IL8 have been co-localized on a 335-kb genomic fragment.

### Overview

Product Name	Anti-IL-8/CXCL8 Antibody (Monoclonal, 33C38)
Reactive Species	Human
Description	Boster Bio Anti-IL-8/CXCL8 Antibody (Monoclonal, 33C38) catalog # M00423-5. Tested in WB applications. This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 33C38
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	P10145

### Technical Details

Immunogen	Recombinant protein within human IL-8 aa 3-97.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

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