

## IL-8 Ab

Cat.#: BF0238  
Size: 50ul,100ul,200ul

Concn.: 1mg/ml  
Source: Mouse

Mol.Wt.: 11.1kDa  
Clonality: Monoclonal

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application:                  | ELISA 1/10000, WB 1/500 - 1/2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reactivity:                   | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purification:                 | Affinity-chromatography.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity:                  | IL-8 Ab detects endogenous levels of total IL-8.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen:                    | Purified recombinant fragment of human IL-8 expressed in E. Coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Uniprot:                      | P10145                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Description:                  | Interleukin-8 (IL-8) is a member of the CXC chemokine family. This chemokine is one of the major mediators of the inflammatory response. This chemokine is secreted by several cell types. It functions as a chemoattractant, and is also a potent angiogenic factor. IL-8 is believed to play a role in the pathogenesis of bronchiolitis, a common respiratory tract disease caused by viral infection. IL-8 and other ten members of the CXC chemokine gene family form a chemokine gene cluster in a region mapped to chromosome 4q. |
| Subcellular Location:         | Secreted.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Tissue Specificity:           | By ER stress in a DDIT3/CHOP-dependent manner.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Similarity:                   | Belongs to the intercrine alpha (chemokine CxC) family.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Storage Condition and Buffer: | Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                    |

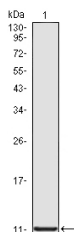


Figure 1: Western blot analysis using IL8 mouse mAb against IL8 recombinant protein.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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