

IL-8 Ab

Cat.#: BF0238	Concn.: 1mg/ml	Mol.Wt.: 11.1kDa
Size: 50ul,100ul,200ul	Source: Mouse	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.

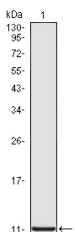


Figure 1: Western blot analysis using IL8 mouse mAb against IL8 recombinant protein.

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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