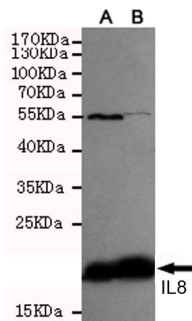




IL-8

Mouse monoclonal Antibody

#53573

**Catalog Number:** 53573**Amount:** 100µg/100µl**Swiss-Prot No. :** P10145**Gene name:** il8**Gene id:** 3576**Clone Number:** 6E7-C11-C9**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human IL-8 protein fragments expressed in E.coli.**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of IL-8 and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 20 kd WB: 1:500-1000

Western blot detection of IL8 in CHO-K1 transfected by IL8-PDGFR fusion protein cell lysate using IL8 mouse mAb (1:500)

**Background :**

The protein encoded by this gene 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. This gene 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