



Monoclonal antibody to IL-8

Cat. #: Mab-604014 (0.1mg)

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.

Immunogen/Specificity:

Ni-NTA purified recombinant human IL-8 expressed in E.Coli. strain BL21 (DE3).

Applications :

Anti- IL-8 recognizes recombinant human IL-8 by Western Blot and ELISA.

Dilution:

Western Blot: 1:500-1,000

ELISA: 1,000-2,000.

Determining optimal working dilutions by titration test.

Formulation

Antibodies are purified by protein A affinity chromatography.

Reference:

1. Baggiolini M. et al. 1991. FEBS Lett. 307:97-101
2. Mukaida N. et al. 1989. J.Immunol.143:1366-1371.

Clone Number: 3E4D8

Isotype: IgG1.kappa

Species: Human

Storage and Stability: stored at -20 C