



Abazyme, LLC

Mouse anti-Human IL-8 Monoclonal Antibody Datasheet [18S2]

Catalogue No MO-C400017A

Product name Mouse anti-human IL-8 monoclonal antibody [18S2]

Clone No 18S2

Product type Primary antibody

Description Mouse monoclonal antibody to human Interleukin-8 (IL-8), Protein G affinity purified

Target protein Human IL-8

Immunogen Purified recombinant human IL-8

Specificity This antibody recognizes both, recombinant and native human IL-8

Reactivity Human, others not tested.

Cross-reactivity This antibody does not cross react with human Monocyte Chemotactic Activating Factor (MCAF or RANTES (Regulated on Activation, Normal T-cell Expressed, and Secreted)).

Clonality Monoclonal

Source Mouse

Myeloma Sp2/0-Ag14

Subclass IgG2b

Light Chain Kappa

Formulation Lyophilized from a solution in 0.01M PBS, pH 7.0

Concentration Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml

Applications

ELISA: React with human IL-8. Matched pair antibodies are available

Neutralizing: In chemotaxis assay, the antibody inhibited 97.8% % of the chemotactic activity of IL-8 on RB/293 cell using 5 U μ g/ml of MAb and 10 ng/ml of human IL-8 in assay. This Mab inhibited the chemotactic effect of human IL-8, had no inhibitory effect to MIP 1-beta and RANTES in neutrophil chemotaxis assay. It indicates the MAb is special neutralizing the IL-8 activity. The MAB has been shown the neutralizing activity on calcium ion changes in human granulocytes using FACS.

Western Blot: Concentration of 0.02-0.1 U μ g/ml MAB will allow visualization of 100 ng/lane of human IL-8

Matched Pairs 18-S2 and 18-60 (Catalog No: MO-C40017D) are matched pairs.

Research Cytokine, interleukin, and chemotaxis

Storage Store at -20° C

This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administered to humans or animals. This is not for use in diagnostic and therapeutic procedures.