

Anti-IL-8 Antibody [Clone 58-1]

Catalog Number LDG0030YA

Package

100 µg / Customized package

For full product information, images and publications, please visit our website.



Overview

Description

The CXC chemokine is a group of secreted proteins, attracts neutrophils and lymphocytes. Interleukin-8 (IL-8, or CXCL8), a member of the CXC chemokines, is a proinflammatory cytokine produced by macrophages and other cell types like endothelial cells, epithelial cells and airways smooth muscle cells. This cytokine mainly attracts and activates neutrophils to the site of inflammation and also plays an important role in cell proliferation, tissue remodeling and angiogenesis.

Product Note

Recommended dilution factor: ELISA: 1:5000-20000 WB: 1:1000-5000 IFA: 1:500-1000 FACS: Assay dependent

Note: Working dilution for specific application should be determined by the investigator to obtain the best conditions.

Specifications

☑ bd@leadgene.com.tw

Host	Clonality
Mouse	Monoclonal
lsotype	Clone Name
lgG1	clone 58-1

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Immunogen	Reactivity
Interleukin 8	Human
Application	Conjugation
ELISA, WB, IFA, FACS	Unconjugated
Concentration 1 mg/mL	Storage Buffer Phosphate Buffered Saline containing 0.03% ProClin 300, pH 7.4.
Specificity	Form
Interleukin 8	Liquid

Instruction

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles. Suggestion: Divide antibody into several vials. Keep only vials for usage at 2-8°C.

Image

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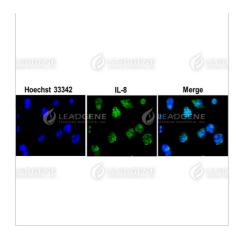
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Immunofluorescence analysis of

Anti-IL-8 Antibody [Clone 58-1]

permeabilized with PBS

containing 0.1%

antibody

iFluor 488,

(Blue).

HeLa cells were fixed in 4% PFA,

Triton X-100. Cells were stained

with mouse anti-IL-8 monoclonal

(1:200) followed by secondary

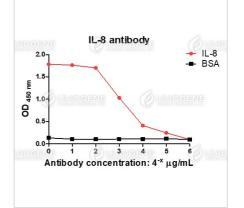
antibodies (goat anti-Mouse IgG-

1:400, green) and cell nuclei were

stained with Hoechst 33342

 $B_{1}^{0} = B_{1}^{0} = B_{1$

FACS analysis of Anti-IL-8 Antibody [Clone 58-1] Human peripheral blood mononuclear cells (PBMC) were stained with mouse anti-IL-8 monoclonal antibody at 2 µg/ml (red) and without antibody control (black).



ELISA titration of Anti-IL-8 Antibody [Clone 58-1] Titration curve of anti-IL-8 antibody in ELISA. Red: IL-8; Black: BSA (negative control).

kDa 75--63--48--35--0 48--35--17--10--

Western blotting analysis of Anti-IL-8 Antibody [Clone 58-1] Recombinant IL-8 protein (100 ng) was stained with mouse anti-IL-8 monoclonal antibody at 1:5000 dilution.

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