

Anti-IL-8/CXCL8 Antibody (4E356)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4E356
Purification:	Affinity-chromatography

Applications

Verified Activity:	Overlay Peak curve showing U937 cells stained with TMAH-00628 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1µg/1*10 ⁶ cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was rabbit IgG (1µg/1*10 ⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.
Application:	ELISA, FCM
Recommended	FCM:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human IL8
Antigen Species:	Human
Gene ID:	3576
Uniprot ID:	P10145
Synonyms:	NAF;LECT;MONAP;chemokine (C-X-C motif) ligand 8;NAP-1;IL8;MDNCF;GCP1;LUCT;IL-8; Interleukin-8;LYNAP;NAP1;GCP-1
Biology Area:	Cancer, Cardiovascular, Immunology

Research Background

IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus. IL-8(6-77) has a 5-10-fold higher activity on neutrophil activation, IL-8(5-77) has increased activity on neutrophil activation and IL-8 (7-77) has a higher affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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