

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CXCL8/IL-8 in ELISAs and Western blots. In Western blots, this antibody shows 100% cross-reactivity with recombinant porcine CXCL8/IL-8 and no cross-reactivity with rrCXCL3/CINC-2α.
Source	Monoclonal Mouse IgG ₁ Clone # 6217
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human CXCL8/IL-8 Ser28-Ser99 Accession # P10145
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	0.25-1 µg/10 ⁶ cells	Human peripheral blood mononuclear cells treated with LPS, fixed with paraformaldehyde, and permeabilized with saponin

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. <ul style="list-style-type: none"> ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

CXCL8, also known as IL-8, is a CXC chemokine that is a potent chemoattractant for neutrophils and has a wide range of other pro-inflammatory effects.

PRODUCT SPECIFIC NOTICES

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