

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CXCL1/2/3 in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG $_1$ Clone # 31716
Purification	Protein A or G purified from ascites
Immunogen	<i>E. coli</i> -derived recombinant human CXCL2 Ala35-Asn107 Accession # P19875
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *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.

Neutralization	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.

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. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

CXCL1, CXCL2 (MIP-2 α), and CXCL3 (MIP-2 β) are members of the alpha (C-X-C) subfamily of chemokines and are now designated GRO α , GRO β , and GRO γ , respectively. Mature CXCL1/2/3 proteins bind with high affinity to the IL-8 receptor type B and are potent neutrophil attractants and activators.

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