Human CXCL1/2/3/GRO Pan Specific Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 29702

Catalog Number: IC2761G
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CXCL1/2/3 in direct ELISAs and Western blots. In direct ELISAs, 100% cross-reactivity with recombinant mouse (rm) CXCL2 is observed and no cross-reactivity with recombinant human (rh) VIC, rmVIC, rhCCL3L1, rhCCL4L1, or recombinant canine IL-8 is observed.
Source	Monoclonal Mouse IgG_1 Clone # 29702
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human CXCL3 Ala35-Asn107 Accession # P19876
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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 PHA, 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.** ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

CXCL1, CXCL2, and CXCL3, also known respectively as GROα, GROβ (MIP-2α) and GROγ (MIP-2β), are members of the CXC subfamily of chemokines. 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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