

# Human CXCL1/2/3/GRO Pan Specific Alexa Fluor® 405-conjugated Antibody

Monoclonal Mouse IgG<sub>1</sub> Clone # 29702

Catalog Number: IC2761V  
100 µg

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	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.
<b>Source</b>	Monoclonal Mouse IgG <sub>1</sub> Clone # 29702
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human CXCL3 Ala35-Asn107 Accession # P19876
<b>Conjugate</b>	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
<b>Formulation</b>	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.

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

## PREPARATION AND STORAGE

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

## BACKGROUND

CXCL1, CXCL2, and CXCL3, also known respectively as GRO $\alpha$ , GRO $\beta$  (MIP-2 $\alpha$ ) and GRO $\gamma$  (MIP-2 $\beta$ ), 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.

## PRODUCT SPECIFIC NOTICES

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