

#### DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human CXCL16 in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human CXCL1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12/SDF-1α, 12/SDF-1β, 13, recombinant mouse CXCL1, 2, 6, 9, 10, 12/SDF-1α, 13, 16, recombinant rat CXCL1, 2, 3/CINC-2α, 3/CINC-2β, recombinant canine CXCL8, or recombinant porcine CXCL8 is observed.
<b>Source</b>	Monoclonal Rat IgG <sub>2A</sub> Clone # 256213
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human CXCL16 Asn49-Pro137 Accession # NP_071342
<b>Conjugate</b>	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.

	Recommended Concentration	Sample
<b>Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	Human monocyte-derived dendritic cells

#### 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

CXCL16 is a transmembrane protein with an extracellular domain consisting of a chemokine domain suspended on a mucin-like stalk. It functions as a ligand for the HIV co-receptor, CXCR6 (Bonzo).

#### PRODUCT SPECIFIC NOTICES

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