

#### DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human CEACAM-8/CD66b in direct ELISAs and Western blots.
<b>Source</b>	Monoclonal Mouse IgG <sub>1</sub> Clone # 913542
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Immunogen</b>	<i>E.coli</i> -derived recombinant human CEACAM-8/CD66b Gln35-His141 Accession # P31997
<b>Conjugate</b>	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 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>Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	Human peripheral blood granulocytes

#### 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

CEACAM-8 (Carcinoembryonic Antigen-related Cell Adhesion Molecule 8), also known as CD66b, CD67 and NCA-95, is a 90 kDa member of the CEACAM subfamily of the CEA family of proteins. It is expressed by neutrophils and eosinophils, and serves as a binding partner for CEACAM-6 and Galectin-3. Mature human CEACAM-8 is a 287 amino acid GPI-linked glycoprotein. It contains one V-type and two C2-type Ig-like domains. No definitive rodent CEACAM-8 has been reported.

#### PRODUCT SPECIFIC NOTICES

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