

**DESCRIPTION**

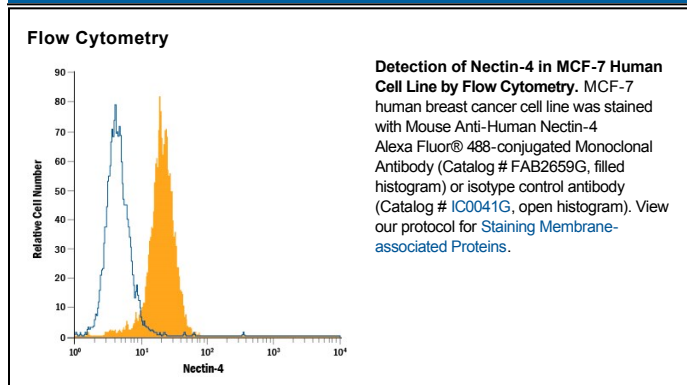
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human Nectin-4 in direct ELISAs and Western blots. In direct ELISAs and Western blots, does not cross-react with recombinant human Nectin-1, -2, -3, or recombinant mouse Nectin-4.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 337516
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human Nectin-4 Gly27-Val351 Accession # Q96NY8
<b>Conjugate</b>	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Formulation</b>	Supplied 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>	5 µL/10 <sup>6</sup> cells	See Below

**DATA**



**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**

Nectin-4 is a type I transmembrane glycoprotein belonging to the Nectin family of Ig superfamily proteins. It is both a homophilic and heterophilic (with Nectin-1) cell adhesion molecule that is expressed in the embryo and in breast carcinoma. A soluble form of Nectin-4 is generated from the membrane protein via the action of TACE/ADAM-17. The extracellular domain of human Nectin-4 shares 90% and 92% amino acid sequence homology with the corresponding regions of mouse and rat Nectin-4, respectively.

**PRODUCT SPECIFIC NOTICES**

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