

# Human CD27 Ligand/TNFSF7 Alexa Fluor® 647-conjugated Antibody

Monoclonal Mouse IgG<sub>2B</sub> Clone # 301731

Catalog Number: FAB2738R

100 µg

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human CD27 Ligand/TNFSF7 in direct ELISAs.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 301731
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human CD27 Ligand/TNFSF7 Gln45-Pro193 Accession # AAA36175
<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.  *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	HEK293 human embryonic kidney cell line transfected with human CD27 Ligand/TNFSF7

## 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

CD27 Ligand is a member of the tumor necrosis factor superfamily (TNFSF7) and is also designated CD70. CD27 Ligand is a type II transmembrane protein expressed by activated T and B cells. It binds to CD27 on mature T cells and a subset of thymocytes. CD27 Ligand induces the proliferation of costimulated T cells and enhances the generation of cytolytic T cells.

## PRODUCT SPECIFIC NOTICES

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