

Human CD27 Ligand/TNFSF7 Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 301731

Catalog Number: FAB2738G

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CD27 Ligand/TNFSF7 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 301731
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human CD27 Ligand/TNFSF7 Gln45-Pro193 Accession # AAA36175
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	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
Flow Cytometry	0.25-1 µg/mL	HEK293 human embryonic kidney cell line transfected with human CD27 Ligand/TNFSF7

PREPARATION AND STORAGE

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

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.

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