Mouse CD2F-10/SLAMF9 Alexa Fluor® 647-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 330003

Catalog Number: FAB2829R

100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse CD2F-10/SLAMF9 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant mouse CD2 is observed.
Source	Monoclonal Rat IgG_{2A} Clone # 330003
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse CD2F-10/SLAMF9 Phe18-Leu230 Accession # Q9D780
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% 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.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

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. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

CD2-F10, also known as SLAMF9 and CD84 homolog 1, is a transmembrane protein in the CD2 subfamily of the immunoglobulin superfamily. CD2-F10 contains one Ig-like V-type domain and one Ig-like C2-type domain. CD2 family proteins are involved in T cell and NK cell adhesion and activation. Within the extracellular domain, mouse CD2-F10 shares 61%, 58%, and 83% amino acid sequence identity with bovine, human, and rat CD2-F10, respectively.

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Bio-Techne®
Global | bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL: 1.612.379.2956
USA | TEL: 800.343.7475 Canada | TEL: 855.668.8722 Europe | Middle East | Africa TEL: +44.0.1235.529449
China | info.cn@bio-techne.com TEL: 400.821.3475