Mouse CD229/SLAMF3 Alexa Fluor® 532-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF2555X
100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse CD229/SLAMF3 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 20% cross-reactivity with recombinant human CD229 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse CD229/SLAMF3 Lys48-Phe454 Accession # AAH95921
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 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

CD229, also known as T lymphocyte surface antigen Ly-9, is a type I transmembrane protein belonging to the immunoglobulin superfamily. It is also a member of the CD150/SLAM receptor family and is expressed on T and B lymphocytes. Mouse CD229 contains 2 Ig-like C2-type domains and 2 Ig-like V-type domains in its extracellular region. Two mouse alleles that differ in 6 extracellular amino acid residues have been reported. Human and mouse CD229 share 60% amino acid sequence identity in their extracellular regions.

PRODUCT SPECIFIC NOTICES

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