Human/Mouse Vav-1 Alexa Fluor® 532-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 591529

Catalog Number: FAB3786X

100 µg

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse Vav-1 in Western blots.
Source	Monoclonal Mouse IgG_{2B} Clone # 591529
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human Vav-1 Trp25-Leu228 Accession # P15498
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

The Vav-1 proto-oncogene is a guanine nucleotide exchange factor (GEF) for the low molecular weight GTPases of the Rho/Rac family. Vav-1 promotes intracellular signaling by its multiple protein binding motifs. It is a cytosolic protein primarily expressed in hematopoietic cells and plays an essential role in the proliferation and activation of T and B cells.

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