

Product Datasheet

Anti-WAVE1/SCAR Antibody FL550 Conjugate



Overview

Catalog #	75-048-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG1
Clone Number	K91/36
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Human, Mouse, and Rat
Immunogen	Synthetic peptide amino acids 477-498 of human Wave1/Wasp family 1(CQVIPASEPKRHPSTLPVISDAR; accession number Q92558)
Molecular Weight	75 kDa
Cite this Antibody	Antibodies Inc Cat# 75-048-FL550, RRID: AB_2939213

Details

Target Description	Wiskott-Aldrich syndrome protein family member 1, Verprolin Homology Domain-Containing Protein 1, Protein WAVE-1 or SCAR1 is encoded by the gene WASF1 and is a member of the Wiskott-Aldrich syndrome protein (WASP)-family. WAVE1/SCAR is an effector protein which transmits signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton. WAVE1/SCAR acts as part of the WAVE complex which is involved in the regulation of actin filament reorganization and membrane ruffling. WAVE1/SCAR is expressed in many tissues including brain, ovary, colon, kidney, pancreas and thymus. Diseases associated with this gene include Wiskott-Aldrich Syndrome and Alacrima, Achalasia, And Mental Retardation Syndrome.
Specificity	No cross-reactivity reported
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.

Storage

Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

Our Guarantee

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.

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