

# MAVS Monoclonal Antibody (ABM28H9), PE, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Host/Isotype	Mouse / IgG2b, kappa
Recommended Isotype Control	Mouse IgG2b kappa Isotype Control (eBMG2b), PE, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	ABM28H9
Conjugate	PE
Excitation/Emission Max	565/576 nm
Immunogen	Recombinant fragment of human MAVS (aa 72-296)
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2815055

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.06 µg)/test	-

## Product Specific Information

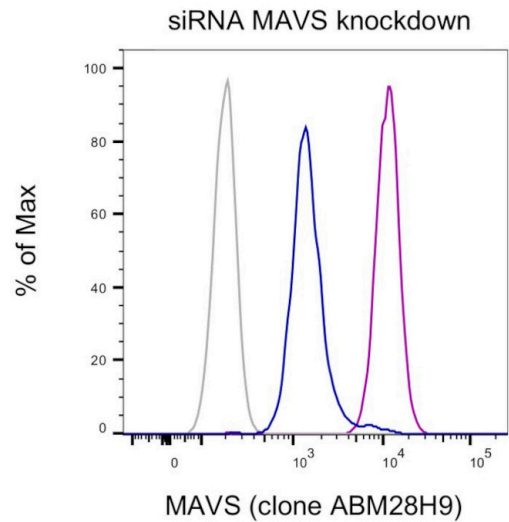
**Description:** This ABM28H9 monoclonal antibody recognizes human MAVS, a mitochondrial membrane protein also known as VISA, CARDIF or IPS-1.

**Applications Reported:** This ABM18H9 antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

**Applications Tested:** This ABM18H9 antibody has been pre-diluted and tested by intracellular staining followed by flow cytometric analysis of HEL cells using the Intracellular Fixation & Permeabilization Buffer Set (Product # 88-8824-00) and protocol. Please refer to "Staining Intracellular Antigens for Flow Cytometry, Protocol A: Two step protocol for intracellular (cytoplasmic) proteins" located at [www.thermofisher.com/flowprotocols](http://www.thermofisher.com/flowprotocols). This may be used at 5 µL (0.06 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> cells/test.

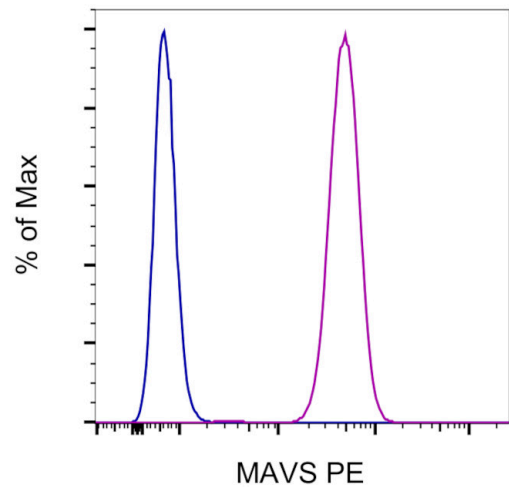
eFluor 450 is an alternative to Pacific Blue. eFluor 450 emits at 446 nm and is excited with the violet laser line (405 nm). Please make sure that your instrument is capable of detecting this fluorochrome.

Excitation: 405 nm; Emission: 445 nm; Laser: Violet Laser.



**MAVS Antibody (12-9835-42)**

Staining of A549 cell line transfected with either negative control siRNA (purple histogram) or MAVS gene siRNA (blue histogram). As expected, clone ABM28H9 stains A549 cells transfected with negative control siRNA brighter than cells transfected with MAVS-specific siRNA. Details: A549 cells were transfected with either Silencer Select Negative Control No. 1 siRNA (purple) or with MAVS gene Silencer Select siRNA (blue) using Neon Transfection System. The cells were then cultured for 3 days and stained with Fixable Viability Dye 506, and either Mouse IgG2b isotype control (grey histogram), or clone ABM28H9 (purple and blue histograms). Viable cells were used for analysis. {KD}



**MAVS Antibody (12-9835-42) in Flow**

HEL cells were stained intracellularly, using the Intracellular Fixation & Permeabilization Buffer Set (Product # 88-8824-00) and protocol, with Mouse IgG2b kappa Isotype Control, PE (Product # 12-4732-82) (blue histogram) or MAVS Monoclonal Antibody, PE (purple histogram). Total viable cells were used for analysis, as determined by Fixable Viability Dye eFluor 450 (Product # 65-0863-18).

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