

Datasheet for ABIN912500

anti-TWF1 antibody (AA 351-422) (Alexa Fluor 647)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	TWF1
Binding Specificity:	AA 351-422
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TWF1 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TWF1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target:	TWF1
Alternative Name:	PTK9 (TWF1 Products)

Target Details

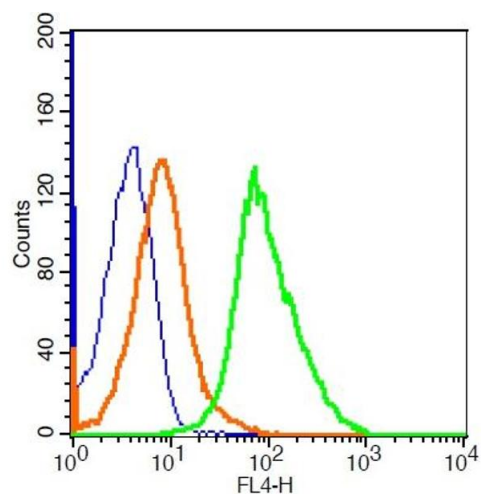
Background:	<p>Synonyms: A6, A6 protein tyrosine kinase, Protein A6, Protein tyrosine kinase 9, PTK9, PTK9 protein tyrosine kinase 9, TWF 1, TWF1, Twinfilin 1, Twinfilin actin binding protein, homolog 1, Twinfilin, Twinfilin, actin-binding protein, homolog 1 Drosophila, Twinfilin, Drosophila, homolog of, 1, TWF1_HUMAN, Twinfilin-1.</p> <p>Background: PTK9 is an actin-binding protein involved in motile and morphological processes. It inhibits actin polymerization, likely by sequestering G-actin. By capping the barbed ends of filaments, it also regulates motility. PTK9 seems to play an important role in clathrin-mediated endocytosis and distribution of endocytic organelles.</p>
Gene ID:	5756
UniProt:	Q12792
Pathways:	Regulation of Actin Filament Polymerization , Maintenance of Protein Location

Application Details

Application Notes:	FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months



Flow Cytometry

Image 1. A549 cells probed with PTK9 Polyclonal Antibody, ALEXA FLUOR® 647 Conjugated (bs-4196R-A647) at 5ug for 30 minutes compared to control cells (blue) and isotype control (orange).