Datasheet for ABIN1177221

anti-WIPF1 antibody (pSer488) (PE)

1 Publication

Go to Product page

Overview

Quantity:	50 tests
Target:	WIPF1
Binding Specificity:	pSer488
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This WIPF1 antibody is conjugated to PE
Application:	Intracellular Staining (ICS)

Product Details

Brand:	BD Phosflow™
Immunogen:	Phosphorylated Human WIP Peptide
Clone:	K32-824
Isotype:	IgG1 kappa
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

Target Details

Target:	WIPF1
Alternative Name:	WIP (WIPF1 Products)

Target Details

Background:	Wiskott-Adrich syndrome protein (WASP)-Interacting Protein (WIP) is a member of the verprolin family of proteins that regulate cytoskeletal organization in a wide variety of cellular activities, including endocytosis, cellular adhesion and migration, mast cell degranulation, and lymphocyte activation. The 503-amino acid WIP protein contains binding sites for actin (globular and filamentous) and other proteins that are involved in the regulation of actin polymerization, such as WASP, N-WASP, profilin, cortactin, Hck, and NCK. As its functions imply, WIP is localized in actin-rich cell structures. The K32-824 monoclonal antibody recognizes the phosphorylated serine 488 (pS488) of human WIP. The orthologous phosphorylation sites in mouse and rat WIP are S478 and S472, respectively.
Pathways:	RTK Signaling

Application Details

Sample Volume:	20 µL
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Aqueous buffered solution containing BSA and ≤0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze. The antibody was conjugated with R-PE under optimum conditions, and unconjugated antibody and free PE were removed.

Publications

Product cited in:	Kamiie, Ohtsuki, Iwase, Ohmine, Katsukura, Yanai, Sekine, Uchida, Ito, Terasaki: "Quantitative atlas of membrane transporter proteins: development and application of a highly sensitive simultaneous LC/MS/MS method combined with novel in-silico peptide selection criteria." in: **Pharmaceutical research**, Vol. 25, Issue 6, pp. 1469-83, (2008) (PubMed).