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Datasheet for ABIN3032118  
**anti-PAK4 antibody (AA 187-216)**

5 Images

Overview

Quantity:	0.4 mL
Target:	PAK4
Binding Specificity:	AA 187-216
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAK4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 187-216 from the mouse protein was used as the immunogen for this Pak4 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	PAK4
Alternative Name:	Pak4 ( <a href="#">PAK4 Products</a> )
Background:	Pak4 activates the JNK pathway. Plays a role in the reorganization of the actin cytoskeleton and in the formation of filopodia. Phosphorylates and inactivates the protein phosphatase SSH1, leading to increased inhibitory phosphorylation of the actin binding/depolymerizing factor

## Target Details

cofilin. Decreased cofilin activity may lead to stabilization of actin filaments. Phosphorylates ARHGEF2 (By similarity).

UniProt: [Q8BTW9](#)

Pathways: [RTK Signaling](#)

## Application Details

Application Notes: Titration of the Pak4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

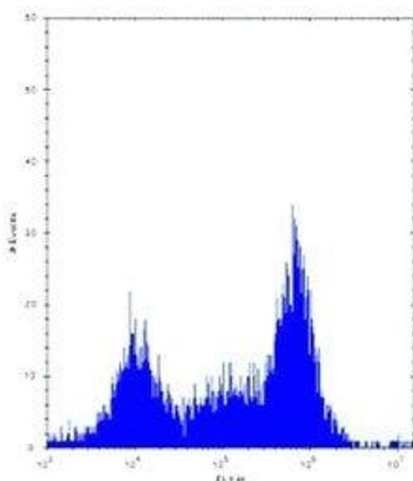
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

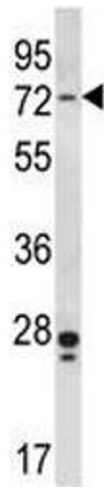
Storage Comment: Aliquot the Pak4 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

## Images



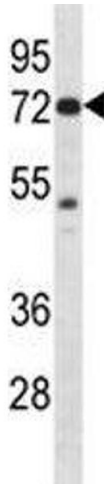
### Flow Cytometry

**Image 1.** Pak4 antibody flow cytometric analysis of Neuro-2a cells. FITC-conjugated donkey-anti-rabbit secondary Ab was used for the analysis.



#### Western Blotting

**Image 2.** Pak4 antibody western blot analysis in human MCF-7 lysate.



#### Western Blotting

**Image 3.** Pak4 antibody western blot analysis in mouse Neuro-2a lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3032118.