

Datasheet for ABIN5542679
anti-WASP antibody (AA 57-170)

6 Images

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Overview

Quantity:	0.1 mg
Target:	WASP (WAS)
Binding Specificity:	AA 57-170
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This WASP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human WAS (AA: 57-170) expressed in E. coli.
Clone:	7B10E4
Isotype:	IgG2a
Purification:	purified

Target Details

Target:	WASP (WAS)
Alternative Name:	WAS (WAS Products)
Background:	Description: The Wiskott-Aldrich syndrome (WAS) family of proteins share similar domain structure, and are involved in transduction of signals from receptors on the cell surface to the

Target Details

actin cytoskeleton. The presence of a number of different motifs suggests that they are regulated by a number of different stimuli, and interact with multiple proteins. Recent studies have demonstrated that these proteins, directly or indirectly, associate with the small GTPase, Cdc42, known to regulate formation of actin filaments, and the cytoskeletal organizing complex, Arp2/3. Wiskott-Aldrich syndrome is a rare, inherited, X-linked, recessive disease characterized by immune dysregulation and microthrombocytopenia, and is caused by mutations in the WAS gene. The WAS gene product is a cytoplasmic protein, expressed exclusively in hematopoietic cells, which show signalling and cytoskeletal abnormalities in WAS patients. A transcript variant arising as a result of alternative promoter usage, and containing a different 5' UTR sequence, has been described, however, its full-length nature is not known.

Aliases: THC, IMD2, SCN1, THC1, WASP

Molecular Weight:	53 kDa
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Gene ID:	7454
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HGNC:	7454
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, FCM: 1:200 - 1:400
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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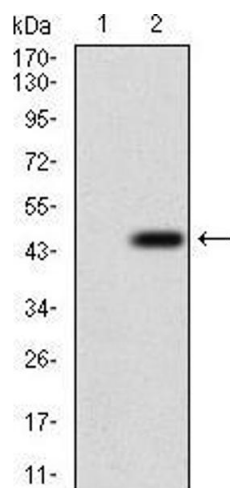
Buffer:	Purified antibody in PBS with 0.05 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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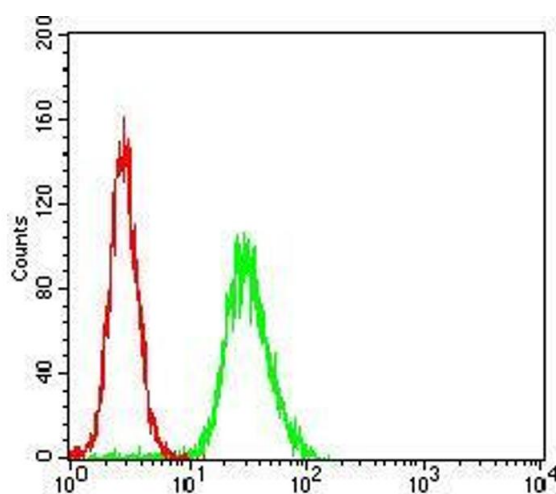
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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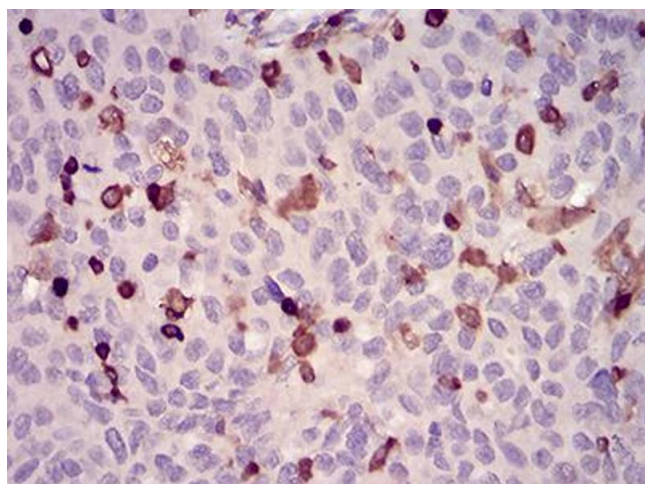
Western Blotting

Image 1. Western blot analysis using WAS mAb against HEK293 (1) and WAS (AA: 57-170)-hlgGFc transfected HEK293 (2) cell lysate.



Flow Cytometry

Image 2. Flow cytometric analysis of Hela cells using WAS mouse mAb (green) and negative control (red).



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using WAS mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5542679.