# WAS monoclonal antibody

Catalog: MB21886 Host: Mouse Reactivity: Human

## BackGround:

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 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.

## Product:

Purified antibody in PBS with 0.05% sodium azide.

## Molecular Weight:

53kDa

## Swiss-Prot:

P42768

## Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

## Applications:

IHC:1/200 - 1/1000 FC:1/200 - 1/400

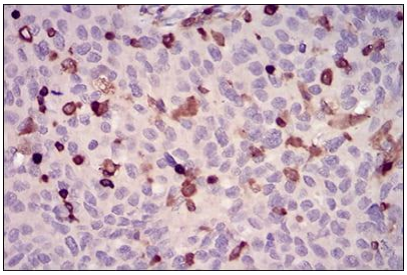
## Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

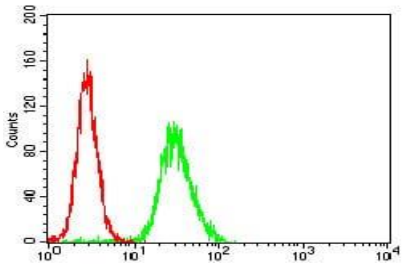
## Isotype:

Mouse IgG2a

## DATA:



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




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

## Note:

For research use only, not for use in diagnostic procedure.

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