Product Name: **WASP/Wiskott-Aldrich syndrome protein Rabbit Monoclonal Antibody**
Catalog #: **AMRe87336**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:2000-1:20000,ICC/IF 1:20-1:50,FC 1:20-1:50
Molecular Weight	Calculated MW:53 kDa; Observed MW:60 kDa

Antigen Information

Gene Name	WASP/Wiskott-Aldrich syndrome protein
Alternative Names	THC; IMD2; SCNX; THC1; WASP; WASPA
Gene ID	7454
SwissProt ID	P42768
Immunogen	A synthetic peptide of human WASP/Wiskott-Aldrich syndrome protein

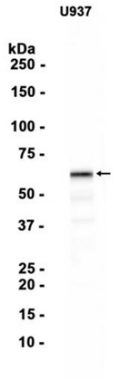
Background

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. [provided by RefSeq, Jul 2008]

Research Area

Image Data



Western blot analysis of extracts fromU-937 cells using WASP/Wiskott-Aldrich syndrome protein Rabbit Monoclonal Antibody at 1:1000.