

Human WASP Antibody

Monoclonal Mouse IgG₁ Clone # 336918 Catalog Number: MAB30701

DESCRIPTION					
Species Reactivity	Human				
Specificity	Detects human WASP in direct ELISAs and Western blots.				
Source	Monoclonal Mouse IgG ₁ Clone # 336918				
Purification	Protein A or G purified from hybridoma culture supernatant				
Immunogen	E. coli-derived recombinant human WASP Lys230-Gln310 (predicted) Accession # P42768				
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.				

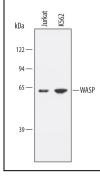
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	2.5 μg/mL	See Below

DATA

Western Blot



Detection of Human WASP by Western Blot. Western blot shows lysates of Jurkat human acute T cell leukemia cell line and K562 human chronic myelogenous leukemia cell line. PVDF membrane was probed with 2.5 µg/mL of Mouse Anti-Human WASP Monoclonal Antibody (Catalog # MAB30701) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF007). A specific band was detected for WASP at approximately 54 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

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Reconstitution Reconstitute at 0.5 mg/mL in sterile PBS.

ShippingThe product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

WASP (Wiskott-Aldrich Syndrome Protein) is a 54 kDa protein belonging to the WASP/SCAR/WAVE family of proteins involved in actin polymerization. It is a highly conserved protein and is expressed selectively in hematopoietic stem cell-derived lineages. WASP contains multiple domains with unique functions. Mutations in WASP are associated with diseases of the hematopoietic/ immunologic system.

