Product Datasheet

Anti-N WASP/WASL Antibody (orb670331)

Description	Anti-N WASP/WASL Antibody. Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human, Mouse, Rat.
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	ELISA, FC, WB
Immunogen	E.coli-derived human N WASP/WASL recombinant protein (Position: Q5-H211).
Form/Appearance	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	Western blot, 0.25-0.5µg/ml, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3µg/1x106 cells, Human ELISA, 0.1-0.5µg/ml, -. Add 0.2ml of distilled water will yield a concentration of 500ug/ml
Isotype	Rabbit IgG
Clonality	Polyclonal
Antibody Type	Primary Antibody
MW	70 kDa
Uniprot ID	O00401
Expiration Date	12 months from date of receipt.

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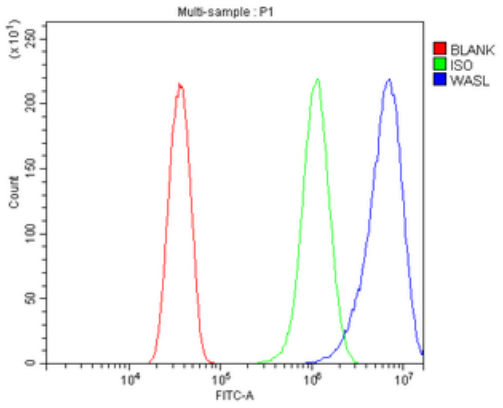
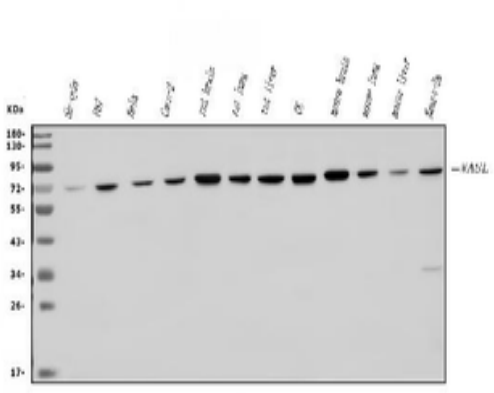


Flow Cytometry analysis of HELA cells using anti-N WASP/WASL antibody. Overlay histogram showing HELA cells (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-N WASP/WASL Antibody (1 µg/1x10^6 cells) for 30 min at 20°C. DyLight®488 conjugated goat anti-rabbit IgG (5-10 µg/1x10^6 cells) was used as secondary antibody for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG (1 µg/1x10^6) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.



Western blot analysis of N WASP/WASL using anti-N WASP/WASL antibody. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50 ug of sample under reducing conditions. Lane 1: human SH-SY5Y whole cell lysates, Lane 2: human U87 whole cell lysates, Lane 3: human HELA whole cell lysates, Lane 4: human CACO-2 whole cell lysates, Lane 5: rat brain tissue lysates, Lane 6: rat lung tissue lysates, Lane 7: rat liver tissue lysates, Lane 8: rat C6 whole cell lysates, Lane 9: mouse brain tissue lysayes, Lane 10: mouse lung tissue lysates, Lane 11: mouse liver tissue lysates, Lane 12: mouse Neuro-2a whole cell lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-N WASP/WASL antigen affinity purified polyclonal antibody at 0.5 µg/mL overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for N WASP/WASL at approximately 70 KD. The expected band size for N WASP/WASL is at 70 KD.

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