

Product Datasheet

WASP Antibody NB300-996

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB300-996

WASP Antibody

| Product Information | |
|---------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

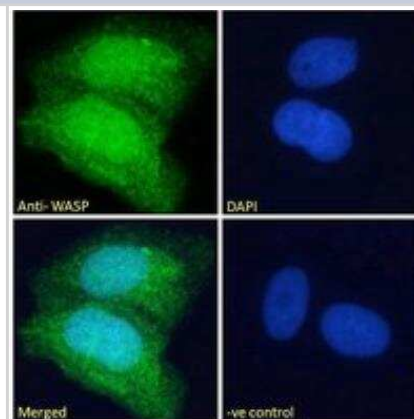
| Product Description | |
|-------------------------|---|
| Description | Novus Biologicals Goat WASP Antibody (NB300-996) is a polyclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-WASP Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Goat |
| Gene ID | 7454 |
| Gene Symbol | WAS |
| Species | Human |
| Reactivity Notes | Predicted cross-reactivity based on sequence identity: Mouse, Rat, Canine. |
| Specificity/Sensitivity | No cross-reactivity expected with N WASP (WASL). |
| Immunogen | Peptide with sequence C-SPADKKRSGKKKI corresponding to internal region according to NP_000368.1. |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Peptide ELISA |
| Recommended Dilutions | Western Blot 0.03 - 0.1 ug/mL, Flow Cytometry 10 ug/mL, Immunohistochemistry 5 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:128000 |

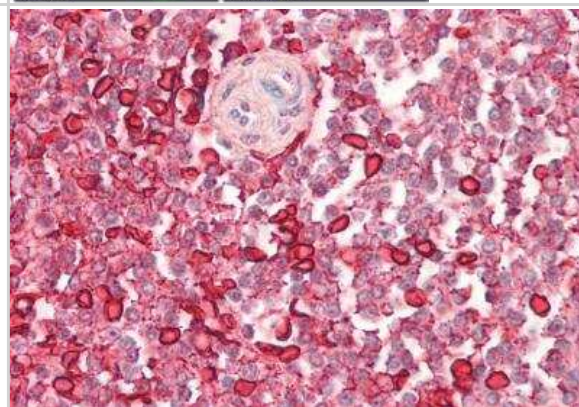


Images

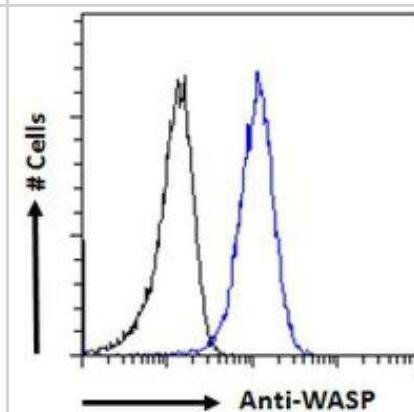
Immunocytochemistry/Immunofluorescence: WASP Antibody [NB300-996] - Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



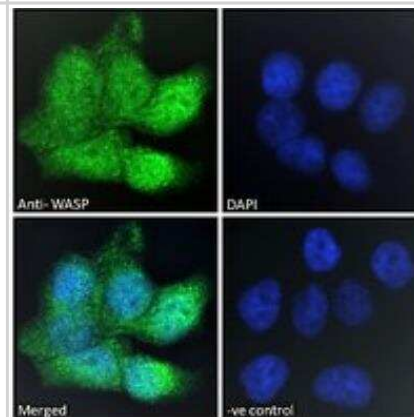
Immunohistochemistry-Paraffin: WASP Antibody [NB300-996] - Staining of paraffin embedded Human Spleen. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Flow Cytometry: WASP Antibody [NB300-996] - Flow cytometric analysis of paraformaldehyde fixed HepG2 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody.



Immunocytochemistry/Immunofluorescence: WASP Antibody [NB300-996] - Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Publications

Yamaguchi H, Lorenz M, Kempiak S et al. Molecular mechanisms of invadopodium formation: the role of the N-WASP-Arp2/3 complex pathway and cofilin. *J Cell Biol* 2005-01-31 [PMID: 15684033]



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Products Related to NB300-996

| | |
|-----------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF017 | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109 | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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