


Product datasheet

Anti-N WASP antibody [EPR6959] (Alexa Fluor® 488)  
 ab208521

Recombinant RabMAb

2 Images

Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-N WASP antibody [EPR6959] (Alexa Fluor® 488)   |
| <b>Description</b>         | Rabbit monoclonal [EPR6959] to N WASP (Alexa Fluor® 488)  |
| <b>Host species</b>        | Rabbit  |
| <b>Conjugation</b>         | Alexa Fluor® 488. Ex: 495nm, Em: 519nm  |
| <b>Tested applications</b> | <b>Suitable for:</b> ICC/IF   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human<br><b>Predicted to work with:</b> Mouse    |
| <b>Immunogen</b>           | Synthetic peptide within Human N WASP aa 400-500. The exact sequence is proprietary.<br>Database link: <a href="#">O00401</a>   |
| <b>Positive control</b>    | ICC/IF: Jurkat cells.   |
| <b>General notes</b>       | This product is a recombinant monoclonal antibody, which offers several advantages including:<br>- High batch-to-batch consistency and reproducibility<br>- Improved sensitivity and specificity<br>- Long-term security of supply<br>- Animal-free production<br>For more information <a href="#">see here</a> . |

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

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Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or [outlicensing@thermofisher.com](mailto:outlicensing@thermofisher.com).

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

## Properties

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|                             |  |
|-----------------------------|--|
| <b>Form</b>                 | Liquid   |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Store In the Dark. |
| <b>Storage buffer</b>       | pH: 7.40<br>Preservative: 0.02% Sodium azide<br>Constituents: PBS, 30% Glycerol, 1% BSA  |
| <b>Purity</b>               | Protein A purified   |
| <b>Clonality</b>            | Monoclonal   |
| <b>Clone number</b>         | EPR6959  |
| <b>Isotype</b>              | IgG  |

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab208521** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

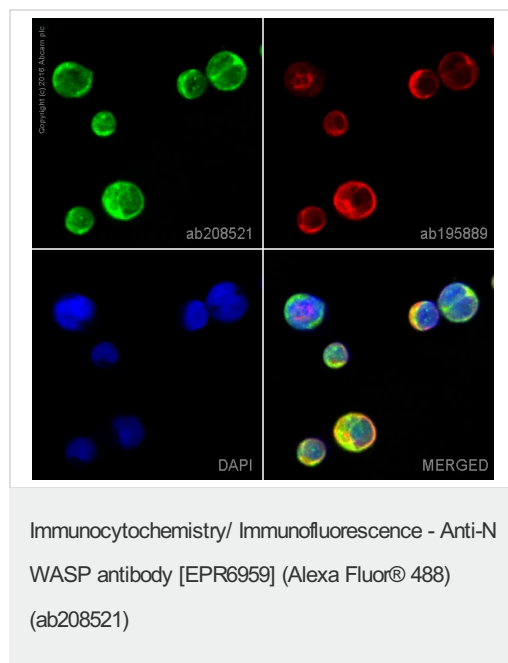
| Application | Abreviews | Notes   |
|-------------|-----------|---|
| ICC/IF      |           | 1/100.<br>This product gave a positive signal in Jurkat cells fixed with 4% formaldehyde (10 min) and 80% methanol (5 min). |

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## Target

|                              |  |
|------------------------------|--|
| <b>Function</b>              | Regulates actin polymerization by stimulating the actin-nucleating activity of the Arp2/3 complex. Binds to HSF1/HSTF1 and forms a complex on heat shock promoter elements (HSE) that negatively regulates HSP90 expression. |
| <b>Sequence similarities</b> | Contains 1 CRIB domain.<br>Contains 1 WH1 domain.<br>Contains 2 WH2 domains.   |
| <b>Cellular localization</b> | Cytoplasm > cytoskeleton. Nucleus. Preferentially localized in the cytoplasm when phosphorylated and in the nucleus when unphosphorylated.   |

## Images



ab208521 staining N WASP in Jurkat cells. The cells were fixed with 80% methanol (5 min), permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with ab208521 at 1/100 dilution (shown in green) and ab195889, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 594), at 1/250 dilution (shown in red). Nuclear DNA was labelled with DAPI (shown in blue).

Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

This product also gave a positive signal under the same testing conditions in Jurkat cells fixed with 4% formaldehyde (10 min).

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-N WASP antibody [EPR6959] (Alexa Fluor® 488) (ab208521)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### Terms and conditions

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors