

Product datasheet

Anti-CAMSAP2 antibody [EPR7718(B)] ab140619

Recombinant RabMAb

3 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-CAMSAP2 antibody [EPR7718(B)] |
| Description | Rabbit monoclonal [EPR7718(B)] to CAMSAP2 |
| Host species | Rabbit |
| Tested applications | Suitable for: Flow Cyt (Intra), WB Unsuitable for: ICC/IF, IHC-P or IP |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide within Human CAMSAP2 aa 1-100 (N terminal). The exact sequence is proprietary. |
| Positive control | HeLa, PC3, 293T and Human fetal brain cell lysates; HeLa cells. |
| General notes | <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p> |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at -20°C. |
| Storage buffer | pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant |
| Purity | Tissue culture supernatant |

| | |
|---------------------|------------|
| Clonality | Monoclonal |
| Clone number | EPR7718(B) |
| Isotype | IgG |

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab140619 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

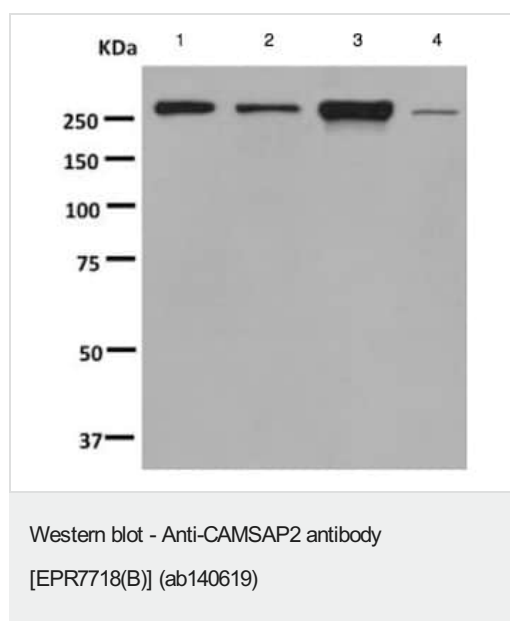
| Application | Abreviews | Notes |
|-------------------------|-----------|---|
| Flow Cyt (Intra) | | 1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody. |
| WB | | 1/1000 - 1/10000. Predicted molecular weight: 168 kDa. |

Application notes Is unsuitable for ICC/IF, IHC-P or IP.

Target

Relevance CAMSAP1L1 (Calmodulin regulated spectrin associated protein 1 like protein 1) is related to CAMSAP1. Both contain an N terminal CH (calponin homology domain) which is an actin binding domain found in cytoskeletal and signal transduction proteins. The CAMSAP1 family of proteins also contains a unique C terminal CKK (DUF1781) domain which has been found to bind microtubules. The function of CAMSAP1L1 has not been characterized.

Images



All lanes : Anti-CAMSAP2 antibody [EPR7718(B)] (ab140619) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : PC3 cell lysate

Lane 3 : 293T cell lysate

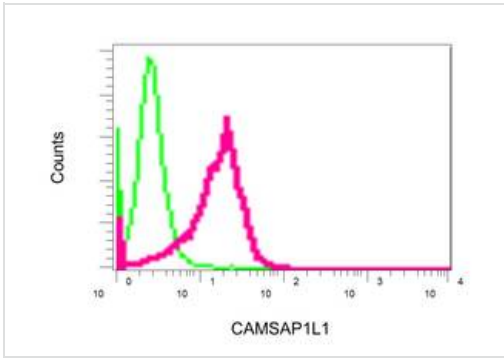
Lane 4 : Human fetal brain lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit IgG at 1/2000 dilution





Predicted band size: 168 kDa



Intracellular flow cytometric analysis of HeLa cells labelling CAMSAP2 with ab140619 at 1/10 dilution (red); rabbit IgG negative (green).

Flow Cytometry (Intracellular) - Anti-CAMSAP2 antibody [EPR7718(B)] (ab140619)

Why choose a recombinant antibody?

| | |
|--|--|
|  <p>Research with confidence Consistent and reproducible results</p> |  <p>Long-term and scalable supply Recombinant technology</p> |
|  <p>Success from the first experiment Confirmed specificity</p> |  <p>Ethical standards compliant Animal-free production</p> |

Anti-CAMSAP2 antibody [EPR7718(B)] (ab140619)

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