

# Anti-FRS2 antibody [EPR14724] - BSA and Azide free ab240269

Recombinant RabMAb

3 Images

### Overview

Product name	Anti-FRS2 antibody [EPR14724] - BSA and Azide free
Description	Rabbit monoclonal [EPR14724] to FRS2 - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB, Flow Cyt (Intra), IP
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab240269 is the carrier-free version of <a href="#">ab183492</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.2 Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR14724
<b>Isotype</b>	IgG

## Applications

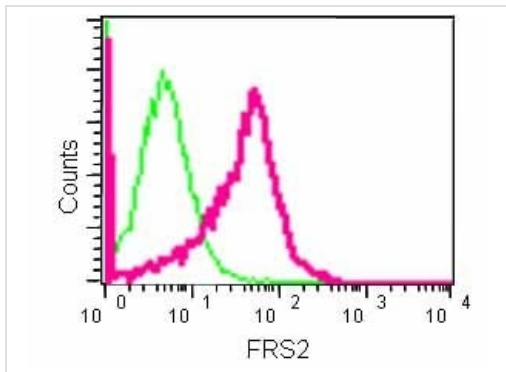
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab240269 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>WB</b>		Use at an assay dependent concentration. Detects a band of approximately 60 - 90 kDa (predicted molecular weight: 57 kDa).
<b>Flow Cyt (Intra)</b>		Use at an assay dependent concentration. <b>ab199376</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
<b>IP</b>		Use at an assay dependent concentration.

## Target

<b>Function</b>	Adapter protein that links FGR and NGF receptors to downstream signaling pathways. Involved in the activation of MAP kinases. Modulates signaling via SHC1 by competing for a common binding site on NTRK1.
<b>Tissue specificity</b>	Highly expressed in heart, brain, spleen, lung, liver, skeletal muscle, kidney and testis.
<b>Sequence similarities</b>	Contains 1 IRS-type PTB domain.
<b>Post-translational modifications</b>	Phosphorylated on tyrosine residues upon stimulation by NGF. Ubiquitinated when tyrosine phosphorylated and in a complex with GRB2. The unphosphorylated form is not subject to ubiquitination.
<b>Cellular localization</b>	Endomembrane system. Cytoplasmic, membrane-bound.

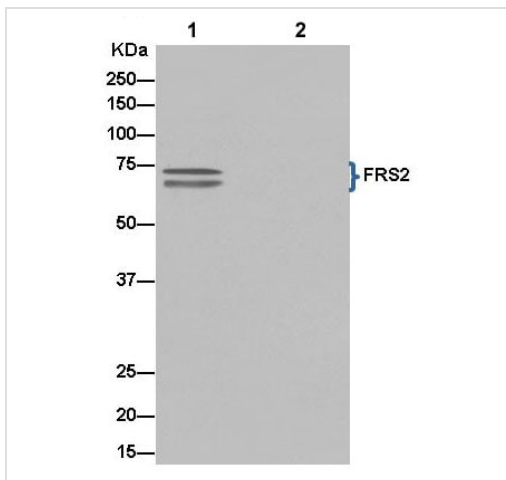
## Images



Flow Cytometry (Intracellular) - Anti-FRS2 antibody  
[EPR14724] - BSA and Azide free (ab240269)

Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed SH-SY5Y cells labeling FRS2 with **ab183492** at 1/20 dilution (red), compared to a Rabbit monoclonal IgG isotype control (green), followed by Goat anti rabbit IgG (FITC) secondary antibody at 1/150 dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab183492**).



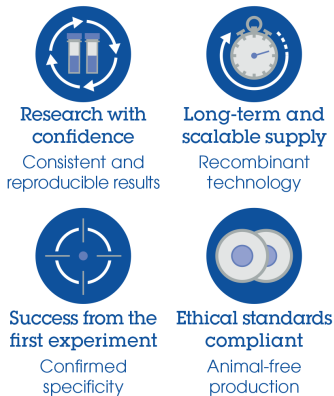
Immunoprecipitation - Anti-FRS2 antibody  
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Western blot analysis of FRS2 in Human fetal brain lysate immunoprecipitated using **ab183492** at 1/50 dilution (Lane 1). Lane 2: TBS instead of Human fetal brain lysate.

Secondary: Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500 dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab183492**).

### Why choose a recombinant antibody?



Anti-FRS2 antibody [EPR14724] - BSA and Azide free (ab240269)

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

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