

## Product datasheet

# Anti-ALS2CR8 antibody [EPR13712] - BSA and Azide free ab250151

Recombinant RabMAb

3 Images

### Overview

Product name	Anti-ALS2CR8 antibody [EPR13712] - BSA and Azide free
Description	Rabbit monoclonal [EPR13712] to ALS2CR8 - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB, Flow Cyt (Intra)
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250151 is the carrier-free version of <a href="#">ab180142</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>	Affinity purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR13712
<b>Isotype</b>	IgG

## Applications

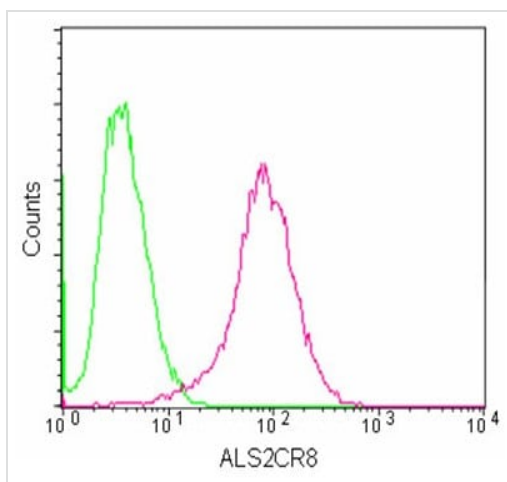
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab250151 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>WB</b>		Use at an assay dependent concentration. Detects a band of approximately 81 kDa (predicted molecular weight: 81 kDa).
<b>Flow Cyt (Intra)</b>		Use at an assay dependent concentration.

## Target

<b>Function</b>	Acts as a transcriptional activator that mediates the calcium- and neuron-selective induction of BDNF exon III transcription. Binds to the consensus calcium-response element CaRE1 5'-CTATTTTCGAG-3' sequence.
<b>Domain</b>	The N-terminus is necessary for DNA-binding. The C-terminus is necessary for transcriptional activation (PubMed:11832226).
<b>Cellular localization</b>	Nucleus.

## Images

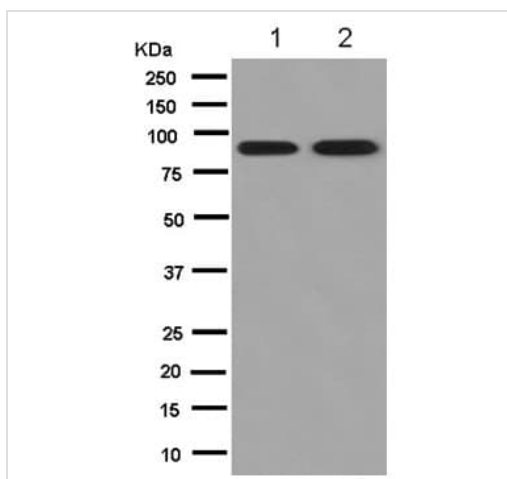


Flow Cytometry (Intracellular) - Anti-ALS2CR8 antibody [EPR13712] - BSA and Azide free (ab250151)

This data was developed using **ab180142**, the same antibody clone in a different buffer formulation.

Intracellular flow cytometric analysis of 2% paraformaldehyde fixed SH-SY5Y cells labeling ALS2CR8 with **ab180142** at 1/90.

Secondary antibody Goat anti rabbit IgG (FITC) at 1/75. Isotype control Rabbit IgG



Western blot - Anti-ALS2CR8 antibody [EPR13712] - BSA and Azide free (ab250151)

**All lanes** : Anti-ALS2CR8 antibody [EPR13712] (**ab180142**) at 1/10000 dilution

**Lane 1** : SH-SY5Y cell lysate

**Lane 2** : 293T cell lysate

Lysates/proteins at 20 µg per lane.

#### Secondary

**All lanes** : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution

**Predicted band size:** 81 kDa

**Observed band size:** 81 kDa

This data was developed using **ab180142**, the same antibody clone in a different buffer formulation.

**Blocking and dilution buffer: 5% NFDM/TBST.**

Why choose a recombinant antibody?

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

Anti-ALS2CR8 antibody [EPR13712] - BSA and Azide free (ab250151)

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

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