

## Product datasheet

### Anti-S31 antibody [EPR10789(B)] ab154813

Recombinant RabMAb

3 Images

#### Overview

Product name	Anti-S31 antibody [EPR10789(B)]
Description	Rabbit monoclonal [EPR10789(B)] to S31
Host species	Rabbit
Tested applications	<b>Suitable for:</b> Flow Cyt (Intra), WB <b>Unsuitable for:</b> ICC/IF or IHC-P
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Synthetic peptide corresponding to Human S31 (intracellular). Database link: <a href="#">P28566</a>
Positive control	Jurkat and SH-SY5Y cell lysates; SH-SY5Y cells.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <a href="#">see here</a> . 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> .  Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

#### 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

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR10789(B)
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab154813 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>Flow Cyt (Intra)</b>		1/10 - 1/100. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
<b>WB</b>		1/1000 - 1/10000. Predicted molecular weight: 42 kDa.

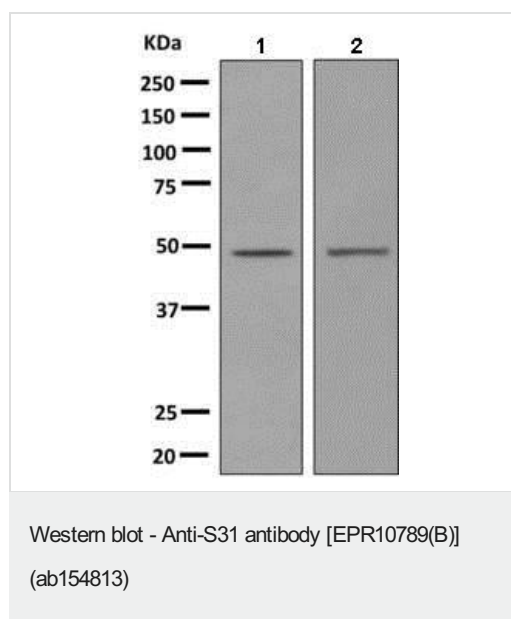
**Application notes** Is unsuitable for ICC/IF or IHC-P.

## Target

**Relevance** This is one of the several different receptors for 5-HT, a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that inhibit adenylate cyclase activity. The 5-HT1E receptor is expressed in human cortex, caudate, putamen, and amygdala, as well as in dorsal root ganglia and in coronary artery. ESTs have been isolated from human brain cancer libraries.

**Cellular localization** Cell Membrane, Multi-pass membrane protein.

## Images



**All lanes** : Anti-S31 antibody [EPR10789(B)] (ab154813) at 1/1000 dilution

**Lane 1** : Jurkat cell lysate

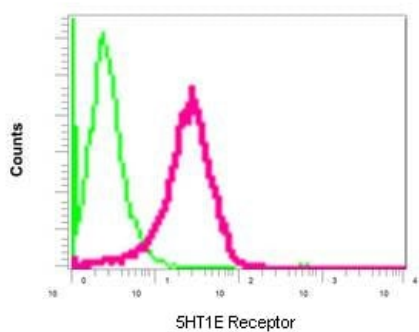
**Lane 2** : SH-SY5Y cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : Goat anti-rabbit HRP at 1/2000 dilution

**Predicted band size:** 42 kDa



Intracellular flow cytometric analysis of permeabilized SH-SY5Y cells labeling S31 with ab154813 at 1/10 dilution (red), compared to a rabbit IgG negative control antibody (green).

Flow Cytometry (Intracellular) - Anti-S31 antibody  
[EPR10789(B)] (ab154813)

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-S31 antibody [EPR10789(B)] (ab154813)

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

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- 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

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