abcam

Product datasheet

Alexa Fluor® 568 Anti-NeuN antibody [EPR12763] - Neuronal Marker ab207282

Recombinant   RabMAb®

★★★★★ **1 Abreviews**   **5 References**   3 Images

Overview

Product name	Alexa Fluor® 568 Anti-NeuN antibody [EPR12763] - Neuronal Marker
Description	Alexa Fluor® 568 Rabbit monoclonal [EPR12763] to NeuN - Neuronal Marker
Host species	Rabbit
Conjugation	Alexa Fluor® 568. Ex: 578nm, Em: 603nm
Tested applications	**Suitable for:** ICC/IF
Species reactivity	**Reacts with:** Rat
	Predicted to work with: Mouse, Sheep, Goat, Cat, Dog, Human, Zebrafish, Common marmoset ⚠
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	ICC/IF: PC12 cell and B35 cells.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information **see here**.

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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Properties

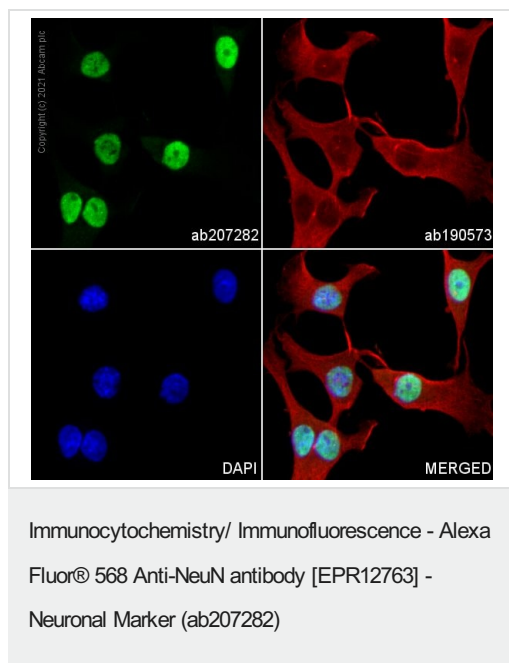|	
Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Store In the Dark.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR12763
Isotype	IgG

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab207282 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)	1/100. This product gave a positive signal in PC12 cells fixed with 4% formaldehyde (10 min) and 100% methanol (5 min)

Target

Function	RNA-binding protein that regulates alternative splicing events.
Sequence similarities	Contains 1 RRM (RNA recognition motif) domain.
Cellular localization	Nucleus. Cytoplasm.

Images

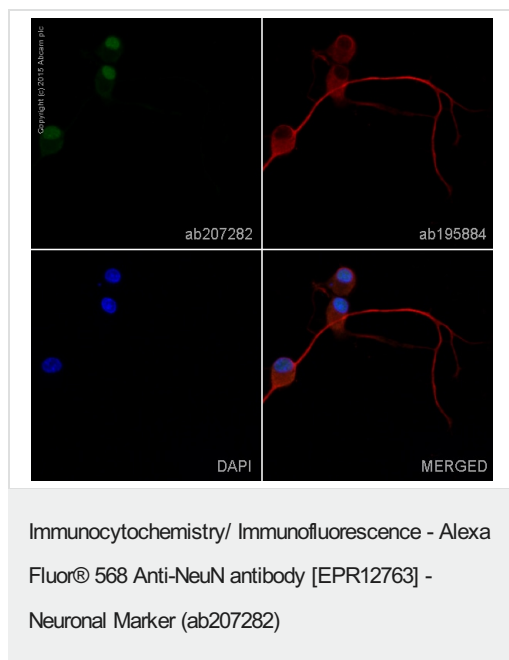Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 568 Anti-NeuN antibody [EPR12763] - Neuronal Marker (ab207282)

ab207282 staining NeuN in B35 cells. The cells were fixed with 4% PFA (10min), 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 ab207282 at 1/100 dilution (**pseudocolored in green**) and **ab190573**, Rabbit monoclonal to Tubulin (Alexa Fluor® 647), at 1/250 dilution (shown in red). Nuclear DNA was labelled with DAPI (shown in blue).

Image was acquired with a high-content analyser (Operetta CLS, Perkin Elmer) and a maximum intensity projection of confocal sections is shown.

This product also gave a positive signal under the same testing conditions in B35 cells fixed with 100% methanol (5 min).

Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 568 Anti-NeuN antibody [EPR12763] - Neuronal Marker (ab207282)

ab207282 staining NeuN in PC12 cells. The cells were fixed with 100% methanol (5min), 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 ab207282 at 1/100 dilution (**pseudocolored in green**) and **ab195884**, Rat monoclonal to Tubulin (Alexa Fluor® 647), 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 PC12 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

Alexa Fluor® 568 Anti-NeuN antibody [EPR12763] -

Neuronal Marker (ab207282)

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

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