

Product datasheet

FITC Anti-Nestin antibody [2C1.3A11] ab187846

1 References

Overview

Product name	FITC Anti-Nestin antibody [2C1.3A11]
Description	FITC Mouse monoclonal [2C1.3A11] to Nestin
Host species	Mouse
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human Nestin. 150 amino acids. Database link: P48681
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: 99% PBS
Purity	Protein G purified
Clonality	Monoclonal
Clone number	2C1.3A11
Isotype	IgG1

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab187846 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		Use at an assay dependent concentration.

Target

Function	Required for brain and eye development. Promotes the disassembly of phosphorylated vimentin intermediate filaments (IF) during mitosis and may play a role in the trafficking and distribution of IF proteins and other cellular factors to daughter cells during progenitor cell division. Required for survival, renewal and mitogen-stimulated proliferation of neural progenitor cells.
Tissue specificity	CNS stem cells.
Sequence similarities	Belongs to the intermediate filament family.
Developmental stage	Upon terminal neural differentiation, nestin is down-regulated and replaced by neurofilaments.
Post-translational modifications	Constitutively phosphorylated. This increases during mitosis when the cytoplasmic intermediate filament network is reorganized.

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