

## Product datasheet

# Anti-Nestin antibody [7A3] ab81462

★★★★☆ 2 Abreviews 3 References 画像数 2

### 製品の概要

製品名	Anti-Nestin antibody [7A3]
製品の詳細	Rat monoclonal [7A3] to Nestin
由来種	Rat
アプリケーション	<b>適用あり:</b> IHC-Fr, ICC/IF <b>適用なし:</b> WB
種交差性	<b>交差種:</b> Mouse
免疫原	Mouse E16 embryonic cerebral cortex extracts
ポジティブ・コントロール	Neural progenitor cells from mouse fetal brain.
特記事項	ab81462 is very useful for immunostaining of mouse embryonic brain. It has very low background in immunostaining using mouse tissues and is also useful for doubleb staining with mouse and rabbit antibodies.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: None Constituents: 50% Glycerol, PBS
精製度	Ion Exchange Chromatography
特記事項 (精製)	The antibody was produced from the hybridoma cultured in serum free medium and purified under mild conditions by propriety chromatography processes. It is filter sterilized.
一次抗体 備考	ab81462 is very useful for immunostaining of mouse embryonic brain. It has very low background in immunostaining using mouse tissues and is also useful for doubleb staining with mouse and rabbit antibodies.
ポリ/モノ	モノクローナル
クローン名	7A3
アイソタイプ	IgG2b
軽鎖の種類	kappa

## アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab81462** in the following tested applications.

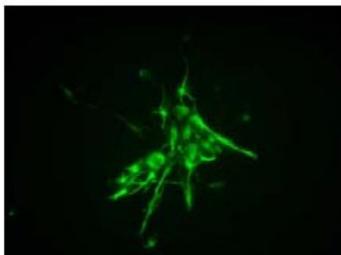
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
IHC-Fr		Use at an assay dependent dilution.
ICC/IF	★★★★★	Use at an assay dependent dilution.
追加情報	Is unsuitable for WB.	

## ターゲット情報

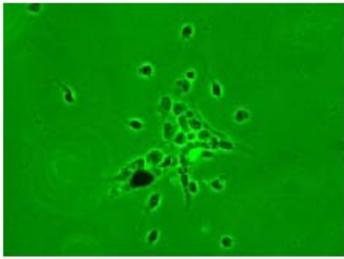
機能	Required for brain and eye development. Promotes the disassembly of phosphorylated vimentin intermediate filaments (IF) during mitosis and may play a role in the trafficking and distribution of IF proteins and other cellular factors to daughter cells during progenitor cell division. Required for survival, renewal and mitogen-stimulated proliferation of neural progenitor cells.
組織特異性	CNS stem cells.
配列類似性	Belongs to the intermediate filament family.
発生段階	Upon terminal neural differentiation, nestin is down-regulated and replaced by neurofilaments.
翻訳後修飾	Constitutively phosphorylated. This increases during mitosis when the cytoplasmic intermediate filament network is reorganized.

## 画像



Primary culture of neural progenitor cells from mouse fetal brain stained with ab81462.

Immunocytochemistry/ Immunofluorescence - Anti-Nestin antibody [7A3] (ab81462)



Primary culture of neural progenitor cells from mouse fetal brain, without staining (bright field image).

Immunocytochemistry/ Immunofluorescence - Anti-Nestin antibody [7A3] (ab81462)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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