

## Nestin Conjugated Monoclonal Antibody

Catalog No: #C42024



Package Size: #C42024-AF350 100ul #C42024-AF405 100ul #C42024-AF488 100ul  
 #C42024-AF555 100ul #C42024-AF594 100ul #C42024-AF647 100ul  
 #C42024-AF680 100ul #C42024-AF750 100ul #C42024-Biotin 100ul

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## Description

Product Name	Nestin Conjugated Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu
Specificity	specific for Human Nestin denatured and native forms
Immunogen Description	Recombinant nestin Protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NES,Nbla00170,Nestin
Accession No.	Swiss-Prot#:P48681
Uniprot	P48681
GeneID	10763;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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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.

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Note: This product is for in vitro research use only