



Mouse Anti-Rat Nestin monoclonal antibody, clone 418612 [PE] (CABT-L4261)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Detects mouse and rat Nestin in Western blots.
Immunogen	E. coli-derived recombinant rat Nestin. Met544-Glu820
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Mouse, Rat
Clone	418612
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	PE
Applications	WB, FC
Format	Liquid
Size	100 tests
Buffer	Supplied in a saline solution containing BSA and Sodium Azide.
Preservative	Sodium Azide
Storage	Store at 2-8°C for 12 months.
Ship	Wet ice

BACKGROUND

Introduction Nestin is a class VI intermediate filament protein that is expressed in stem cells of the central nervous system (CNS) but not in mature CNS cells. Nestin expression is used extensively as a marker for CNS stem cells in the developing nervous system and in vitro cultured cells. Its transient expression is a critical step in both the neural differentiation pathway and that of CNS glia. Nestin is also expressed in non-neuronal stem cell populations, such as pancreatic islet progenitors and hematopoietic progenitors. Full-length human Nestin shares 51% amino acid sequence identity to mouse Nestin.

Keywords NES;nestin;paranemin;transitin;FLJ21841;OTTHUMP00000032198

GENE INFORMATION

Official Symbol Nestin
