



Mouse Anti-Human Nestin monoclonal antibody, clone 207019 [FITC] (CABT-L4259)

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

PRODUCT INFORMATION

Specificity	Detects human Nestin in flow cytometry.
Immunogen	NS0 mouse myeloma cell line transfected with human Nestin
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	207019
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	FITC
Applications	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-neural 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