

Product datasheet for **TA320427**

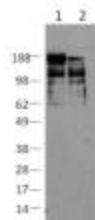
Nestin (NES) Mouse Monoclonal Antibody [Clone ID: 10C2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	10C2
Applications:	WB
Recommended Dilution:	IHC, WB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	nestin
Database Link:	NP_006608 Entrez Gene 10763 Human P48681
Background:	The monoclonal antibody 10C2 recognizes human nestin (residues 1464-1614). Nestin is a 220-240 kDa Class VI intermediate filament protein that is expressed in stem cells of the developing nervous system, specifically the neuroepithelium and angiogenic cells, and progenitors of pancreatic islet and mesenchymal cells. Additionally, expression has been identified in a variety of tumors such as glioblastomas and pancreatic tumors. Nestin containing filaments upon differentiation are replaced by cell type specific intermediate filament proteins, such as GFAP. No co-reactivity to rodent nestins has been observed using 10C2 antibody.
Synonyms:	Nbla00170
Protein Families:	ES Cell Differentiation/IPS



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Product images:

U251 cell lysates prepared under non-reducing (lane 1) or reducing (lane 2) conditions were resolved by SDS-PAGE then immunoblotted with 2 ug/ml of Anti-Human Nestin Purified. Bands were visualized using Anti-Mouse IgG HRP.