



Nestin (PTR1402) Mouse mAb

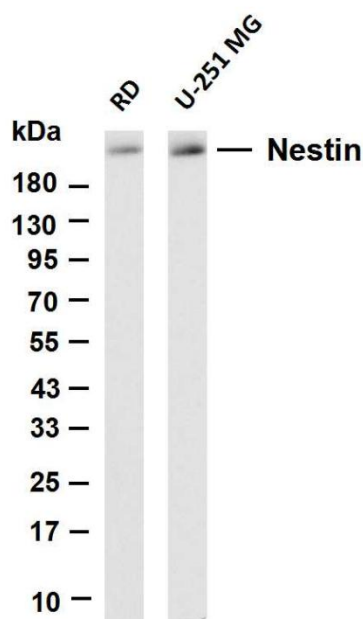
Catalog No	YP-Ab-18906
Isotype	IgG1,kappa
Reactivity	Human
Applications	WB, IHC, IF, IP, ELISA
Gene Name	NES Nbla00170
Protein Name	Nestin
Immunogen	Synthesized peptide derived from human HIBCH
Specificity	AA range 1500-1621
Formulation	Endogenous
Source	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	IHC 1:100-500; WB 1:500-2000; IF 1:100-500; ELISA 1:1000-5000; Note:For IHC,wesuggest antigen retrieval with TE buffer pH 9.0
Dilution	Monoclonal,Mouse,IgG
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band	220kD
Calculated Molecular Weight	177kD
Cell Pathway	Cytoplasm
Tissue Specificity	CNS stem cells.
Function	developmental stage:Upon terminal neural differentiation, nestin is down-regulated and replaced by neurofilaments.,Function:May play a role in the trafficking and distribution of IF proteins and potentially other cellular factors to daughter cells during progenitor cell division.,similarity:Belongs to the intermediate filament family.,subunit:Interacts with FHOD3.,tissue specificity:CNS stem cells.,
Background	This gene encodes a member of the intermediate filament protein family and is expressed primarily in nerve cells.
matters needing attention	Avoid repeated freezing and thawing!



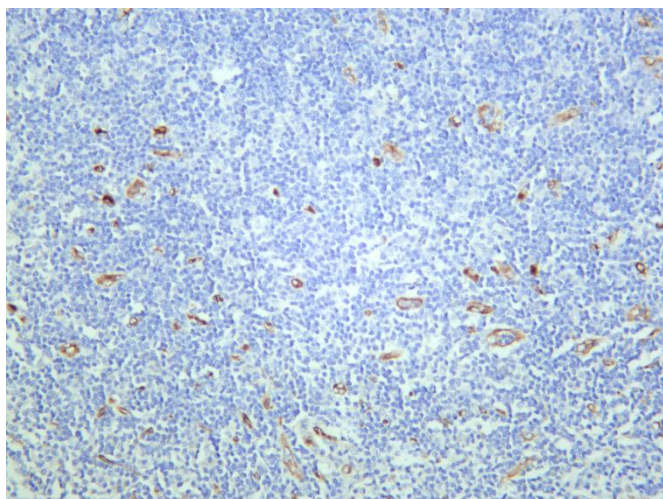
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

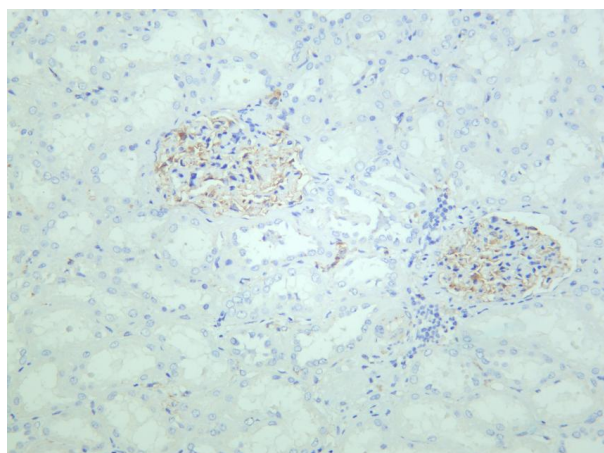
Products Images



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Nestin (PTR1402) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: RD Lane 2: U-251 MG Predicted band size: 177kDa Observed band size: 207kDa



Human tonsil was stained with anti-Nestin (PTR1402) rabbit antibody



Human kidney was stained with anti-Nestin (PTR1402) rabbit antibody