

## Product datasheet for **CF814286**

### Nestin (NES) Mouse Monoclonal Antibody [Clone ID: OTI5F9]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5F9
Applications:	IHC
Recommended Dilution:	IHC 1:50
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment of human Nestin(NES) (NP_006608) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Concentration:	1mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	177.3 kDa
Gene Name:	nestin
Database Link:	<a href="#">NP_006608</a> <a href="#">Entrez Gene 10763 Human</a> <a href="#">P48681</a>



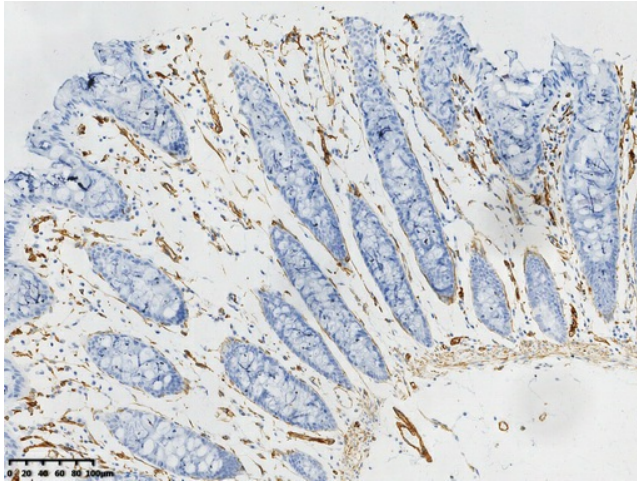
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**Background:** This gene encodes a member of the intermediate filament protein family and is expressed primarily in nerve cells. [provided by RefSeq, Sep 2011]

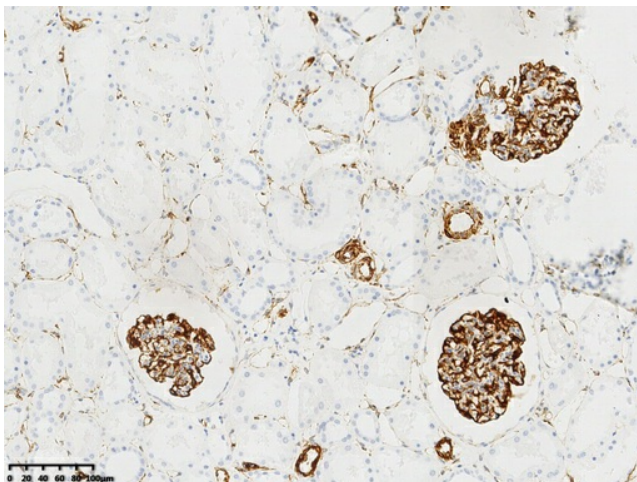
**Synonyms:** Nbla00170

**Protein Families:** ES Cell Differentiation/IPS

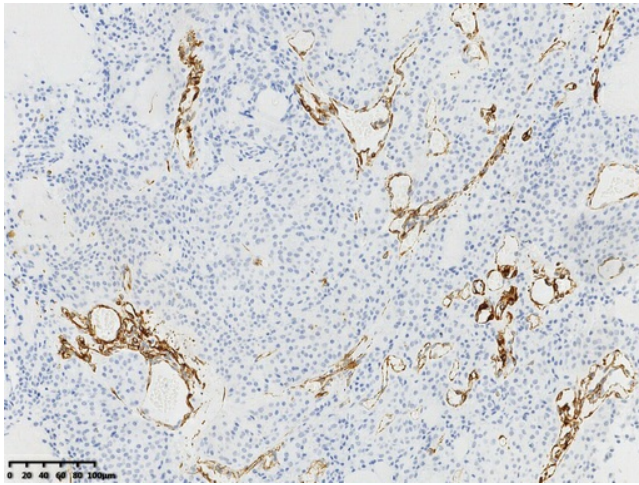
**Product images:**



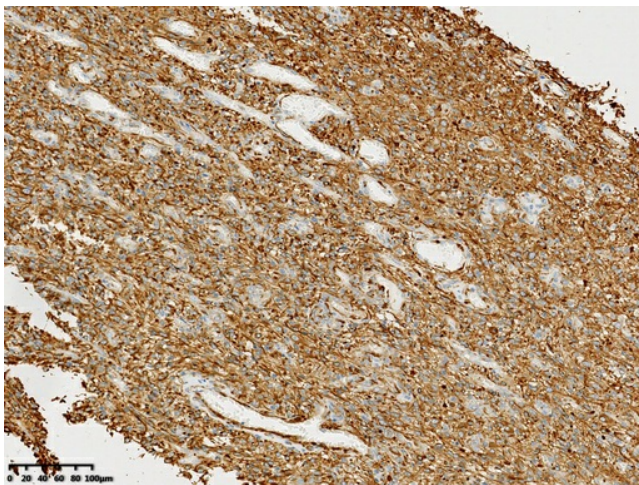
IHC staining of FFPE human colon tissue with in the normal limits using anti-Nestin(NES) mouse monoclonal antibody ([TA814286]) and Polink-2 HRP polymer detection kit ([D22-110]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 ([B04C-100]) at 120°C for 3 min. The brown stain indicates positive stain, blue is the counter stain.



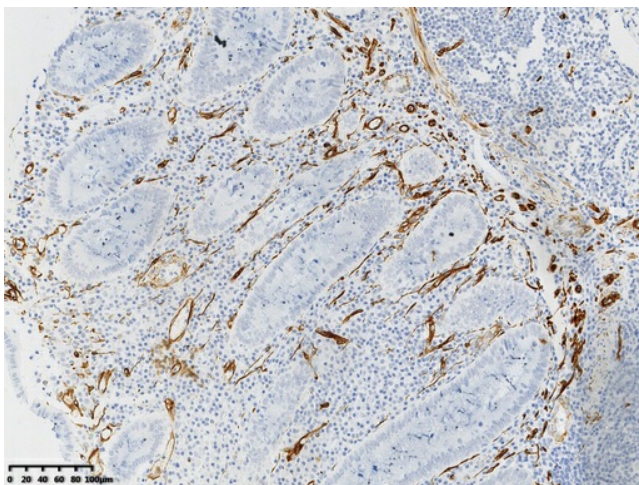
IHC staining of FFPE human kidney tissue with in the normal limits using anti-Nestin(NES) mouse monoclonal antibody ([TA814286]) and Polink-2 HRP polymer detection kit ([D22-110]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 ([B04C-100]) at 120°C for 3 min. The brown stain indicates positive stain, blue is the counter stain.



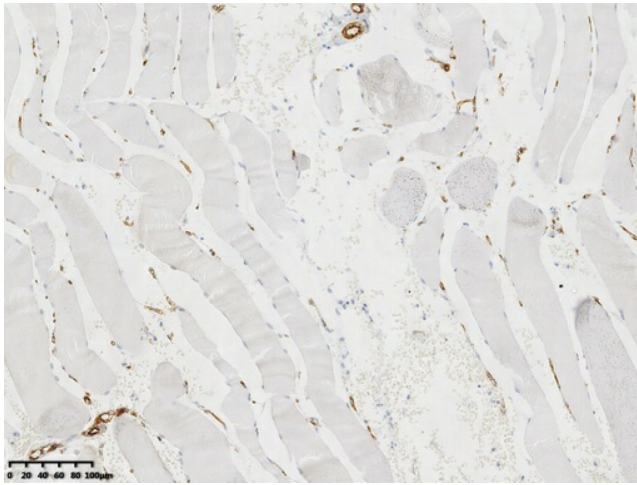
IHC staining of FFPE human thyroid cancer tissue using anti-Nestin(NES) mouse monoclonal antibody ([TA814286]) and Polink-2 HRP polymer detection kit ([D22-110]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 ([B04C-100]) at 120°C for 3 min. The brown stain indicates positive stain, blue is the counter stain.



IHC staining of FFPE human glioma tissue using anti-Nestin(NES) mouse monoclonal antibody ([TA814286]) and Polink-2 HRP polymer detection kit ([D22-110]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 ([B04C-100]) at 120°C for 3 min. The brown stain indicates positive stain, blue is the counter stain.



IHC staining of FFPE human appendix tissue with in the normal limits using anti-Nestin(NES) mouse monoclonal antibody ([TA814286]) and Polink-2 HRP polymer detection kit ([D22-110]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 ([B04C-100]) at 120°C for 3 min. The brown stain indicates positive stain, blue is the counter stain.



IHC staining of FFPE human muscle tissue with in the normal limits using anti-Nestin(NES) mouse monoclonal antibody ([TA814286]) and Polink-2 HRP polymer detection kit ([D22-110]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 ([B04C-100]) at 120°C for 3 min. The brown stain indicates positive stain, blue is the counter stain.