

For Research Use Only

Neuromedin B Monoclonal antibody



Catalog Number: 66781-1-Ig

1 Publications

Basic Information

Catalog Number: 66781-1-Ig	GenBank Accession Number: BC007407	Purification Method: Protein G purification
Size: 150ul , Concentration: 1600 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4828	CloneNo.: 1G3B6
Source: Mouse	Full Name: neuromedin B	Recommended Dilutions: IHC 1:250-1:1000
Isotype: IgG1	Calculated MW: 16 kDa	
Immunogen Catalog Number: AG0842		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human gliomas tissue, mouse brain tissue
Cited Applications: IHC	
Species Specificity: Human, mouse	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Neuromedin B (NMB) is a bombesin-like peptide, which inhibits food intake and modulates stress-related behaviour. NMB is encoded in a 76-amino acid precursor. The mature NMB was reported to be a 10-amino-acid peptide, giving two bands of 1.2 kDa and 1.5 kDa in western blotting. NMB is expressed in pituitary gland, hypothalamus, pancreas and stomach. It regulates exocrine and endocrine secretions, cell growth, body temperature and blood pressure and glucose level in vivo. (PMID: 15528253, PMID: 2458345).

Notable Publications

Author	Pubmed ID	Journal	Application
John M Allman	21534993	Ann N Y Acad Sci	IHC

Storage

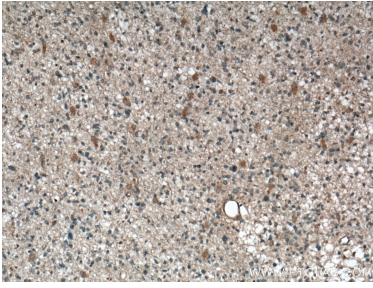
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

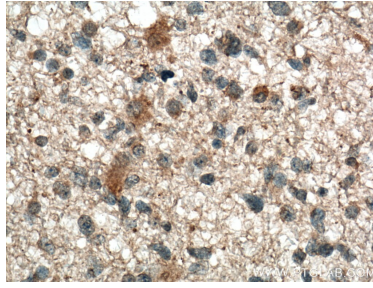
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66781-1-Ig (NMB antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66781-1-Ig (NMB antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).