

For Research Use Only

# Neuromedin B Monoclonal antibody

Catalog Number: 66781-1-Ig **1 Publications**



## Basic Information

<b>Catalog Number:</b> 66781-1-Ig	<b>GenBank Accession Number:</b> BC007407	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1600 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4828	<b>CloneNo.:</b> 1G3B6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P08949	<b>Recommended Dilutions:</b> IHC 1:250-1:1000
<b>Isotype:</b> IgG1	<b>Full Name:</b> neuromedin B	
<b>Immunogen Catalog Number:</b> AG0842	<b>Calculated MW:</b> 16 kDa	

## Applications

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

## 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 MALLman	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

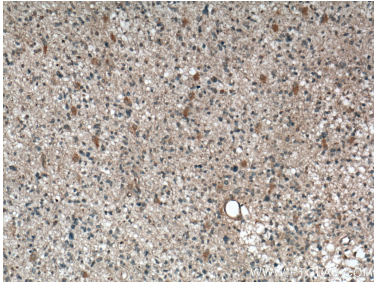
\*\*\* 20ul sizes contain 0.1% BSA

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

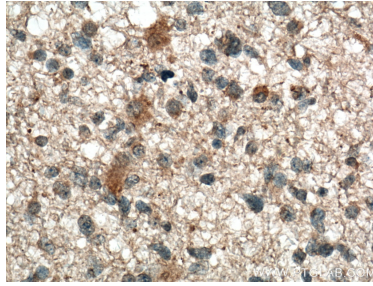
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## Selected Validation Data



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)).