

## Neuromedin B Monoclonal antibody

Catalog Number: 66781-1-Ig

1 Publications

## Basic Information

Catalog Number:

66781-1-Ig

Size:

1600 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG0842

GenBank Accession Number:

BC007407

GeneID (NCBI):

4828

UNIPROT ID:

P08949

Full Name:

neuromedin B

Calculated MW:

16 kDa

Purification Method:

Protein G purification

CloneNo.:

1G3B6

Recommended Dilutions:

IHC 1:250-1:1000

## Applications

Tested Applications:

IHC, ELISA

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**

Positive Controls:

IHC : human gliomas tissue, mouse brain tissue

## 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

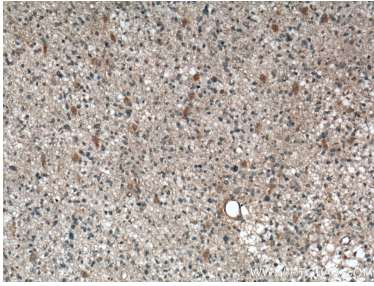
For technical support and original validation data for this product please contact:

T: 4006900926

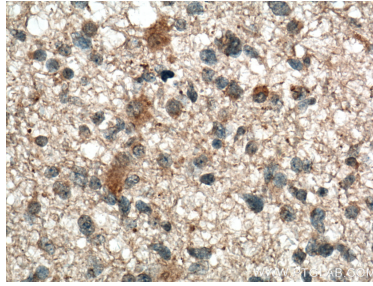
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## Selected Validation Data



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)).