



20150720BB

# Anti-Human Neurotrimin (#5X25)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>101-M580</b>
Size:	100 µg
Lot. No.:	According to product label

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with extracellular domain of human recombinant protein of Neurotrimin.

## Target Background

<b>Synonyms (Target):</b>	NTM; HNT; NTRI; IGLON2
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Neurotrimin is a glycosylphosphatidylinositol (GPI)-anchored cell adhesion molecule expressed on neuronal populations. It is a member of the IgLON (immunoglobulin superfamily containing LAMP, OBCAM and Neurotrimin) subfamily of the immunoglobulin superfamily.

## Database References Target

<b>Protein RefSeq:</b>	NP_057606.1
<b>Uniprot ID:</b>	Q9P121
<b>mRNA RefSeq:</b>	NM_016522.2

## Product Specifications

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#5X25)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	EC domain of human recombinant Neurotrimin
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	PBS (sterile)

**Reconstitution:** Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

**Stability:** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

**Remarks:** This antibody was selected for its ability to detect human Neurotrimin.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

WB, IHC (P)

### Recommended usage:

WB: Use at 1:500-1000

IHC (Paraffin):

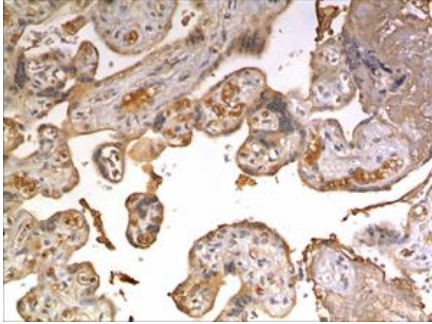
**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**



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### Application/Handling



**Fig. 1:** A 10% Buffer formalin fixed and paraffin embedded human placental tissue section (4um) is subjected to IHC staining using a mouse anti-human Neurotrimin monoclonal antibody. Tissue section was pretreated in citric buffer (ph6.0) with microwave for antigen retrieval before IHC is applied.