

Datasheet for ABIN1387261  
**anti-NMUR1 antibody (AA 31-80)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	NMUR1
Binding Specificity:	AA 31-80
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NMUR1 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NMUR1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow, Sheep, Pig, Horse
Purification:	Purified by Protein A.

## Target Details

Target:	NMUR1
Alternative Name:	NMUR1/GPR66 ( <a href="#">NMUR1 Products</a> )
Background:	Synonyms: FM-3, G protein-coupled receptor 66, G-protein coupled receptor 66, G-protein

## Target Details

coupled receptor FM-3, GPR66, Growth hormone secretagogue receptor family Member 3, Neuromedin U Receptor 1, Neuromedin-U receptor 1, NMU-R1, NMUR1, NMUR1\_HUMAN.

Background: Neuromedin U is a neuropeptide with high activity on smooth muscle. It is widely expressed in gastrointestinal systems and central nervous system (CNS). Peripheral activities of neuromedin U include smooth muscle stimulation, ion transport alterations in the gut and the regulation of local blood flow and adrenocortical function. Neuromedin U receptors 1 and 2 (NMUR1 and NMUR2) are multi-pass membrane proteins that belong to the G-protein coupled receptor 1 family of proteins. Both NMUR1 and NMUR2 act as receptors for the neuromedin U neuropeptide. NMUR1 is detected in peripheral organs, particularly in urogenital and gastrointestinal systems, with highest levels in testis. It's expression in CNS is low, but the protein has been detected in cerebellum, hippocampus, dorsal root ganglia and spinal cord. NMUR2 is predominantly detected in central nervous system with highest levels detected in medulla oblongata, spinal cord and thalamus. It may also be detected in testis but has low levels of expression in peripheral tissues.

Gene ID: 10316

UniProt: [Q9HB89](#)

## Application Details

Application Notes: ELISA 1:500-1000  
FCM 1:20-100  
IHC-P 1:200-400

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

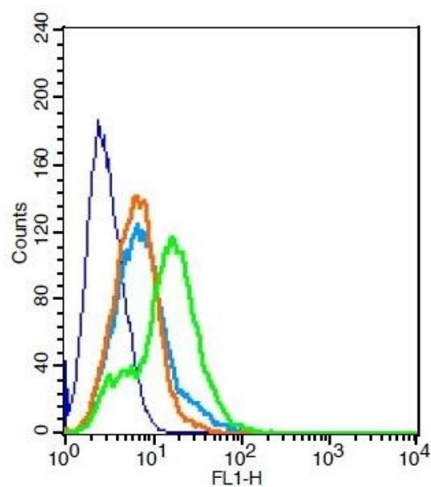
Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.



### Flow Cytometry

**Image 1.** RSC96 cells probed with NMUR1/GPR66 Polyclonal Antibody, Unconjugated at 1:100 for 30 minutes followed by incubation with a conjugated secondary -FITC (green) for 30 minutes compared to control cells (blue), secondary only (light blue) and isotype control (orange).