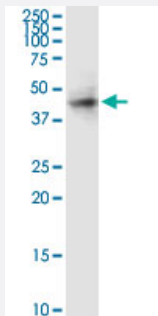


# RAMP3 monoclonal antibody (M02), clone 1B4

Catalog # H00010268-M02

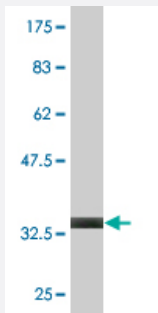
Size 100 ug

## Applications



### Western Blot (Cell lysate)

RAMP3 monoclonal antibody (M02), clone 1B4. Western Blot analysis of RAMP3 expression in IMR-32.



Western Blot detection against Immunogen (39.49 kDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full-length recombinant RAMP3.
<b>Immunogen</b>	RAMP3 (AAH22304.1, 24 a.a. ~ 148 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.
<b>Sequence</b>	RAGGCNETGMLERLPLCGKAFADMMGKVDVWKWCNLSEFIVYYESFTNCTEMEANVVGCYWP NPLAQGFITGIHRQFFSNCTVDRVHLEDPPDEVLIPLV/IPVVLTVAMAGLVVWRSKRTDTLL
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG1 Kappa

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (39.49 KDa) .

**Storage Buffer**

In 1x PBS, pH 7.4

**Storage Instruction**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

RAMP3 monoclonal antibody (M02), clone 1B4. Western Blot analysis of RAMP3 expression in IMR-32.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — RAMP3

**Entrez GeneID**

[10268](#)

**GeneBank Accession#**

[BC022304](#)

**Protein Accession#**

[AAH22304.1](#)

**Gene Name**

RAMP3

**Gene Alias**

-

**Gene Description**

receptor (G protein-coupled) activity modifying protein 3

**Omim ID**

[605155](#)

**Gene Ontology**

[Hyperlink](#)

**Gene Summary**

The protein encoded by this gene is a member of the RAMP family of single-transmembrane-domain proteins, called receptor (calcitonin) activity modifying proteins (RAMPs). RAMPs are type I transmembrane proteins with an extracellular N terminus and a cytoplasmic C terminus. RAMPs are required to transport calcitonin-receptor-like receptor (CRLR) to the plasma membrane. CRLR, a receptor with seven transmembrane domains, can function as either a calcitonin-gene-related peptide (CGRP) receptor or an adrenomedullin receptor, depending on which members of the RAMP family are expressed. In the presence of this (RAMP3) protein, CRLR functions as an adrenomedullin receptor. [provided by RefSeq]

**Other Designations**

calcitonin receptor-like receptor activity modifying protein 3|receptor (calcitonin) activity modifying protein 3|receptor activity modifying protein 3|receptor-activity-modifying protein 3

## Pathway

- [Vascular smooth muscle contraction](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)