

Mouse RAMP2 Monoclonal Antibody | anti-RAMP2 antibody

RAMP2 antibody

CATALOG # AAA107543	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry
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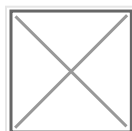
PRODUCT SYNONYMS

RAMP2; Monoclonal Antibody; RAMP2 antibody; Monoclonal RAMP2; Anti-RAMP2; RAMP 2; RAMP-2; anti-RAMP2 antibody

PRODUCT SPECIFICATIONS

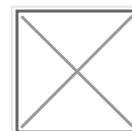
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4E5
Purity/Purification	RAMP2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	175
Applicable Applications for anti-RAMP2 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Biological Significance	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 (RAMP2) protein, CRLR functions as an adrenomedullin receptor.
Cross-Reactivity	Human
Immunogen	RAMP2 antibody was raised in Mouse using full length human recombinat protein of human RAMP2 produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemisry)

Immunohistochemical analysis of RAMP2 protein in paraffin embedded Human Kidney tissue using RAMP2 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant RAMP2 protein (Right) or empty vector (Left) detected with RAMP2 antibody



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant RAMP2 protein (red) or empty vector (blue) stained using RAMP2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RAMP2 antibody	Mouse monoclonal RAMP2 antibody
Product Categories/Family for anti-RAMP2 antibody	Protein Modification & Stress Response

NCBI AND UNIPROT INFORMATION

NCBI GI #	118572585
NCBI GeneID	10266
NCBI Accession #	NP_005845.2
NCBI GenBank Nucleotide #	NM_005854.2
UniProt Accession #	O60895; Q8N1F2; A7L9S6; K7EMD3
Molecular Weight	20,063 Da
NCBI Official Full Name	receptor activity-modifying protein 2
NCBI Official Synonym Full Names	receptor (G protein-coupled) activity modifying protein 2
NCBI Official Symbol	RAMP2
NCBI Protein Information	receptor activity-modifying protein 2
UniProt Protein Name	Receptor activity-modifying protein 2
UniProt Gene Name	RAMP2
UniProt Synonym Gene Names	CRLR activity-modifying protein 2
UniProt Entry Name	RAMP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ramp2-antibody-clone-4e5-western-blot-flow-cytometry-immunohistochemistry-elisa/107543>