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Product Information

Recombinant Human Anti-Human AdreMOMedullin Monoclonal Antibody

Cat. No.: **HOM-19211**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant humanized antibody expressed in CHO binding to human AdreMOMedullin.

Antigen Description

Adrenomedullin (ADM or AM) is a peptide hormone that in humans is encoded by the ADM gene. It is an ubiquitously expressed peptide initially isolated from pheochromyctoma, a tumor of the adrenal medulla (hence the name). A second peptide AM2 has been identified, exhibiting a similar functions. It was discovered in 1993.

Target

ADM

Species Reactivity

Human

Type

Human IgG

Expression Host

CHO

Clone

Monoclonal

Purity

>95.0% as determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

ELISA, WB, IHC, FCM, IP, IF. Optimal dilutions/concentrations should be determined by the end user.

Molecular Weight

145.41 kDa

Stability

Samples are stable for up to twelve months from date of receipt at - 20°C and are stable for six months at 4 °C.

Storage

Store it under sterile conditions at -20 °C upon receiving. Recommend to pack the antibody into smaller quantities for optimal storage.

Ship

2-8°C, BLUE ICE

ANTIGEN GENE INFOMATION

Gene Name

ADM adrenomedullin [Homo sapiens]

Official Symbol

ADM

Synonyms

ADM; adrenomedullin; AM; preproadrenomedullin;

Gene ID

133

mRNA Refseq

NM_001124

Protein Refseq

NP_001115

MIM

103275

UniProt ID

P35318

Chromosome Location

11

Pathway

Calcitonin-like ligand receptors, organism-specific biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HIF-1-alpha transcription factor network, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;

Function

adrenomedullin receptor binding; hormone activity; protein binding; receptor binding;

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