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ADAM19 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9815c

Specification

ADAM19 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9H013

ADAM19 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 8728

Other Names
Disintegrin and metalloproteinase domain-containing protein 19, ADAM 19, 3424-, Meltrin-beta, Metalloprotease and disintegrin dendritic antigen marker, MADDAM, ADAM19, MLTNB

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ADAM19 Antibody (Center) Blocking Peptide - Protein Information

Name ADAM19

Synonyms MLTNB

Function
Participates in the proteolytic processing of beta-type neuregulin isoforms which are involved in neurogenesis and synaptogenesis, suggesting a regulatory role in glial cell. Also cleaves alpha-2 macroglobulin. May be involved in osteoblast differentiation and/or osteoblast activity in bone (By similarity).

Cellular Location
Membrane; Single-pass type I membrane protein.

Tissue Location
Expressed in many normal organ tissues and several cancer cell lines

ADAM19 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

ADAM19 Antibody (Center) Blocking Peptide - Images

ADAM19 Antibody (Center) Blocking Peptide - Background

This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This member is a type I transmembrane protein and serves as a marker for dendritic cell differentiation. It has also been demonstrated to be an active metalloproteinase, which may be involved in normal physiological and pathological processes such as cells migration, cell adhesion, cell-cell and cell-matrix interactions, and signal transduction.

ADAM19 Antibody (Center) Blocking Peptide - References

Hancock, D.B., et al. Nat. Genet. 42(1):45-52(2010)Styrkarsdottir, U., et al. Nat. Genet. 41(1):15-17(2009)Chan, M.W., et al. Neoplasia 10(9):908-919(2008)Tanabe, C., et al. Biochem. Biophys. Res. Commun. 352(1):111-117(2007)Melenhorst, W.B., et al. Am. J. Transplant. 6(7):1673-1681(2006)Kang, T., et al. J. Biol. Chem. 277(28):25583-25591(2002)