



ADA19 Monoclonal Antibody

Catalog No	BYmab-05279
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	ADAM19 MLTNB FKSG34
Protein Name	Disintegrin and metalloproteinase domain-containing protein 19 (ADAM 19) (EC 3.4.24.-) (Meltrin-beta) (Metalloprotease and disintegrin dendritic antigen marker) (MADDAM)
Immunogen	Synthesized peptide derived from human protein . at AA range: 180-260
Specificity	ADA19 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	105kD
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Expressed in many normal organ tissues and several cancer cell lines.
Function	cofactor: Binds 1 zinc ion per subunit., domain: The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme., 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., induction: By 1,25(OH)2VD3 in monocytes., PTM: The precursor is cleaved by a furin endopeptidase., similarity: Contains 1 disintegrin domain., similarity: Contains 1 EGF-like domain., similarity: Contains 1 peptidase M12B domain., subunit: Interacts with SH3PXD2A., tissue specificity: Expressed in

Nanjing BYabscience technology Co.,Ltd



many normal organ tissues and several c

Background

ADAM metallopeptidase domain 19(ADAM19) Homo sapiens 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 been demonstrated to be an active metalloproteinase, which may be involved in normal physiological processes such as cell migration, cell adhesion, cell-cell and cell-matrix interactions, and signal transduction. It is proposed to play a role in pathological processes, such as cancer, inflammatory diseases, renal diseases, and Alzheimer's disease. [provided by RefSeq, May 2013],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Nanjing BYabscience technology Co.,Ltd

网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658