

ARG45371 anti-MMRN2 antibody [2063E2A11]

Package: 50 µg
Store at: -20°C

Summary

Product Description	rat Monoclonal antibody [2063E2A11] recognizes MMRN2
Tested Reactivity	Ms
Tested Application	ICC/IF, IHC-Fr
Host	Rat
Clonality	Monoclonal
Clone	2063E2A11
Target Name	MMRN2
Species	Mouse
Immunogen	Recombinant Mouse MMRN2.
Conjugation	Un-conjugated
Alternate Names	MMRN2; Multimerin 2; Elastin Microfibril Interfacer 3; EndoGlyx-1; EMILIN3; Elastin Microfibril Interface Located Protein 3; EndoGlyx-1 P125/P140 Subunit; Multimerin-2; FLJ13465; EMILIN-3; EMILIN-Like Protein EndoGlyx-1; EndoGlyx-1 P125/P140

Application Instructions

Application table	Application	Dilution
	ICC/IF	2-10 µg/ml
	IHC-Fr	2-10 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

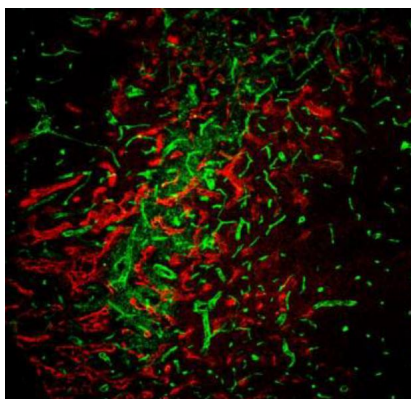
Properties

Form	Powder
Purification	Protein G chromatography
Buffer	PBS
Reconstitution	PBS
Concentration	0.1 - 1.0 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

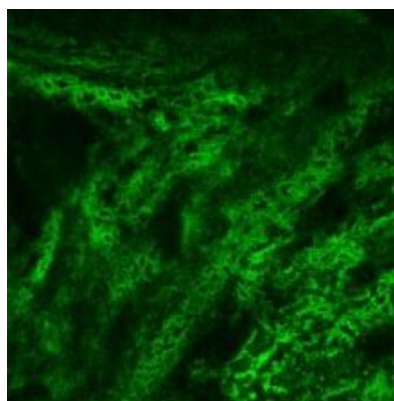
Gene Symbol	MMRN2
Gene Full Name	Multimerin 2
Background	This gene encodes a protein belonging to the member of elastin microfibril interface-located (EMILIN) protein family. This family member is an extracellular matrix glycoprotein that can interfere with tumor angiogenesis and growth. It serves as a transforming growth factor beta antagonist and can interfere with the VEGF-A/VEGFR2 pathway. A related pseudogene has been identified on chromosome 6. [provided by RefSeq, Aug 2012]
Function	Extracellular matrix protein that plays significant roles in the vascular system and is required for the maintenance and stability of blood vessel. Affects several essential steps in angiogenesis including endothelial cell proliferation, migration, and tube formation. Positively regulates angiogenesis by acting as a ligand for CD93 receptor.
Calculated Mw	105 kDa
PTM	Disulfide bond; Glycoprotein. [UniProt]
Cellular Localization	Extracellular matrix; Secreted. [UniProt]

Images



ARG45371 anti-MMRN2 antibody [2063E2A11] IHC-Fr image

Immunohistochemistry: Frozen Mouse lymph node stained with ARG45371 anti-MMRN2 antibody [2063E2A11].



ARG45371 anti-MMRN2 antibody [2063E2A11] ICC/IF image

Immunofluorescence: Mouse brain endothelial stained with ARG45371 anti-MMRN2 antibody [2063E2A11].