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ARG44867
anti-MAPRE2 / EB2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody recognizes MAPRE2 / EB2
Tested Reactivity	Hu, Ms, Rat, Hm, Mk
Tested Application	IHC-P, IP, WB
Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Target Name	MAPRE2 / EB2
Species	Mouse
Conjugation	Un-conjugated
Alternate Names	MAPRE2; Microtubule Associated Protein RP/EB Family Member 2; RP1; EB2; EB1; Microtubule-Associated Protein RP/EB Family Member 2; APC-Binding Protein EB1; APC-Binding Protein EB2; End-Binding Protein 2; T-Cell Activation Protein, EB1 Family; CSCSC2

Application Instructions

Application table

Application	Dilution
IHC-P	1:200
IP	1:100
WB	1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Preservative	0.09% sodium azide
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.

Bioinformation

Gene Symbol	MAPRE2
Gene Full Name	Microtubule Associated Protein RP/EB Family Member 2
Background	The protein encoded by this gene shares significant homology to the adenomatous polyposis coli (APC) protein-binding EB1 gene family. This protein is a microtubule-associated protein that is necessary for spindle symmetry during mitosis. It is thought to play a role in the tumorigenesis of colorectal cancers and the proliferative control of normal cells. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012]
Function	May be involved in microtubule polymerization, and spindle function by stabilizing microtubules and anchoring them at centrosomes. May play a role in cell migration. [UniProt]
PTM	Acetylation, Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm, Cytoskeleton, Microtubule. [UniProt]