

MAPRE2 / EB2 Antibody (clone 1F3)
Mouse Monoclonal Antibody
Catalog # ALS15967**Specification**

MAPRE2 / EB2 Antibody (clone 1F3) - Product Information

Application	WB, IF, IHC
Primary Accession	Q15555
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	37kDa KDa

MAPRE2 / EB2 Antibody (clone 1F3) - Additional Information**Gene ID** 10982**Other Names**

Microtubule-associated protein RP/EB family member 2, APC-binding protein EB2, End-binding protein 2, EB2, MAPRE2, RP1

Target/Specificity

Human MAPRE2 / EB2

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

MAPRE2 / EB2 Antibody (clone 1F3) is for research use only and not for use in diagnostic or therapeutic procedures.

MAPRE2 / EB2 Antibody (clone 1F3) - Protein Information**Name** MAPRE2**Synonyms** RP1**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 (By similarity).

Cellular Location

Cytoplasm, cytoskeleton. Note=Associated with the microtubule network. Accumulates at the plus end of microtubules

Tissue Location

Expressed in different tumor cell lines. Up- regulated in activated B- and T-lymphocytes

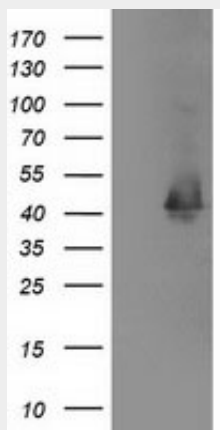
Volume
50 µl

MAPRE2 / EB2 Antibody (clone 1F3) - Protocols

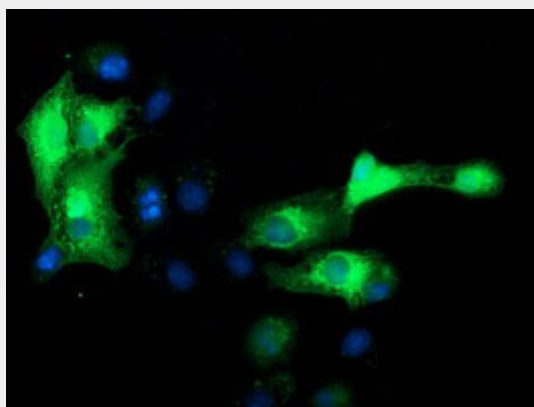
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

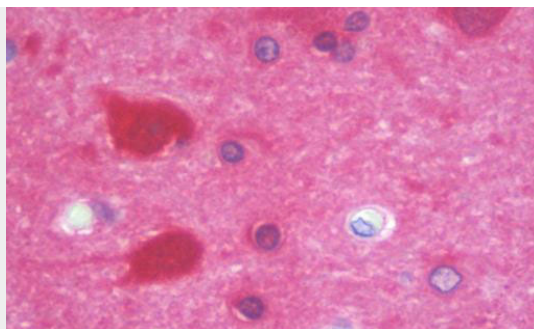
MAPRE2 / EB2 Antibody (clone 1F3) - Images



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MAPRE2...



Anti-MAPRE2 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently...



Anti-MAPRE2 / EB2 antibody IHC staining of human brain, cortex.

MAPRE2 / EB2 Antibody (clone 1F3) - Background

May be involved in microtubule polymerization, and spindle function by stabilizing microtubules and anchoring them at centrosomes. May play a role in cell migration (By similarity).

MAPRE2 / EB2 Antibody (clone 1F3) - References

Renner C.,et al.J. Immunol. 159:1276-1283(1997).
Oishi N.,et al.Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.
Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).