

Mouse anti-Human MAPRE2 / EB2 Monoclonal Antibody | anti-MAPRE2 antibody

Mouse Monoclonal [clone 1F3] (IgG2a) to Human MAPRE2 / EB2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA12371	Mouse	Human	Immunohistochemistry, Immunofluorescence, Western Blot, Flow Cytometry, Functional Assay

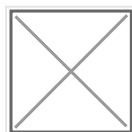
PRODUCT SYNONYMS

MAPRE2 / EB2; Monoclonal Antibody; Mouse Monoclonal [clone 1F3] (IgG2a) to Human MAPRE2 / EB2; Anti-MAPRE2 / EB2 Antibody (clone 1F3) IHC-plus; MAPRE2; APC-binding protein EB2; APC-binding protein EB1; EB1; EB2; End-binding protein 2; Human MAPRE2; anti-MAPRE2 antibody

PRODUCT SPECIFICATIONS

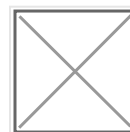
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	1F3
Specificity	Human MAPRE2 / EB2
Purity/Purification	Protein A/G Purified
Form/Format	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide
Concentration	0.81 mg/ml (varies by lot)
Sequence Length	327
Applicable Applications for anti-MAPRE2 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot), FCM/FACS (Flow Cytometry)
Application Notes	Flo (1:100), IF (1:100), IHC-P (20 ug/ml), WB (1:2000)
Target Species	Human
Immunogen Description	Full length human recombinant protein of human MAPRE2 (NP_055083) produced in HEK293T cell.
Immunogen Type	Recombinant protein
Immunogen	MAPRE2 / EB2 antibody was raised against full length human recombinant protein of human MAPRE2 (NP_055083) produced in HEK293T cell.
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MAPRE2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MAPRE2.



FCM (Flow Cytometry)

HEK293T cells transfected with either overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MAPRE2 antibody, and then analyzed by flow cytometry.

**FCM (Flow Cytometry)**

Flow cytometry of HeLa cells, using anti-MAPRE2 antibody (Red), compared to a nonspecific negative control antibody (Blue).

**FCM (Flow Cytometry)**

Flow cytometry of Jurkat cells, using anti-MAPRE2 antibody (Red), compared to a nonspecific negative control antibody (Blue).

**IF (Immunofluorescence)**

Anti-MAPRE2 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MAPRE2.

**IHC (Immunohistochemistry)**

Anti-MAPRE2 / EB2 antibody IHC staining of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 20 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10346135
NCBI GeneID	10982
NCBI Accession #	NP_055083.1
NCBI GenBank Nucleotide #	NM_014268.3
UniProt Accession #	Q15555 ; Q9UQ33 ; B2RE21 ; B3KR39 ; B4DJV4 ; B7Z2L3 ; E9PHR3 ; F5H1V8 ; G5E9I6
Molecular Weight	30,691 Da
NCBI Official Full Name	microtubule-associated protein RP/EB family member 2 isoform 1
NCBI Official Synonym Full Names	microtubule-associated protein, RP/EB family, member 2
NCBI Official Symbol	MAPRE2
NCBI Official Synonym Symbols	EB1; EB2; RP1
NCBI Protein Information	microtubule-associated protein RP/EB family member 2; end-binding protein 2; APC-binding protein EB1; APC-binding protein EB2; T-cell activation protein, EB1 family
UniProt Protein Name	Microtubule-associated protein RP/EB family member 2
UniProt Gene Name	MAPRE2
UniProt Synonym Gene Names	RP1; EB2
UniProt Entry Name	MARE2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/mapre2-eb2-antibody-clone-1f3-immunohistochemistry-immunofluorescence-western-blot-flow-cytometry-elisa/12371>