Mouse MAPRE2 Monoclonal Antibody | anti-MAPRE2 antibody

MAPRE2 antibody

CATALOG #	HOST	APPLICATIONS
AAA108080	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

MAPRE2; Monoclonal Antibody; MAPRE2 antibody; Monoclonal MAPRE2; Anti-MAPRE2; Microtubule-associated protein RP/EB family member 2; EB2; RP1; EB1; End-binding protein 2; APC binding protein EB1; MAPRE 2; MAPRE-2; anti-MAPRE2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	5F3
Purity/Purification	MAPRE2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	327
Applicable Applications for anti-MAPRE2 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	MAPRE2 shares significant homology to the adenomatous polyposis coli (APC) protein-binding EB1 gene family. The function of this protein is unknown; however, its homology suggests involvement in tumorigenesis of colorectal cancers and proliferative control of normal cells. This gene may belong to the intermediate/early gene family, involved in the signal transduction cascade downstream of the TCR.
Cross-Reactivity	Human
Immunogen	MAPRE2 antibody was raised in mouse using a full length recombinant protein of human MAPRE2 (NP_055083) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant MAPRE2 protein using MAPRE2 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant MAPRE2 protein (Right) or empty vector (Left) detected with MAPRE2 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant MAPRE2 protein (red) or empty vector (blue) stained using MAPRE2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-MAPRE2 antibody	Mouse monoclonal MAPRE2 antibody
Product Categories/Family for anti-MAPRE2 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	49168574
UniProt Accession #	Q15555; Q9UQ33; B2RE21; B3KR39; B4DJV4; B7Z2L3; E9PHR3; F5H1V8; G5E9I6
Molecular Weight	30,691 Da
NCBI Official Full Name	MAPRE2
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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/mapre2-antibody-clone-5f3-western-blot-immunofluorescence-flow-cytometry-elisa/108080