

Rabbit anti-Human EB3/MAPRE3 Monoclonal Antibody | anti-MAPRE3 antibody

EB3/MAPRE3 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282819	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

EB3/MAPRE3; Monoclonal Antibody; EB3/MAPRE3 Rabbit mAb; EB3; RP3; EBF3; EBF3-S; anti-MAPRE3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	CILRKNPPSA RGGHETDAQ ILELNQQLVD LKLTVDGLEK ERDFYFSKLR DIELICQEHE SENSPVISGI IGILYATEEG FAPPEDDEIE EHQQEDQDEY
Applicable Applications for anti-MAPRE3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 182-281 of human EB3/MAPRE3 (Q9UPY8).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



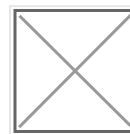
ICC (Immunocytochemistry)

Confocal imaging of C2C12 cells using EB3/MAPRE3 Rabbit mAb (AAA282819, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with γ -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



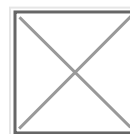
ICC (Immunocytochemistry)

Confocal imaging of U-2 OS cells using EB3/MAPRE3 Rabbit mAb (AAA282819, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with γ -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



ICC (Immunocytochemistry)

Confocal imaging of C6 cells using EB3/MAPRE3 Rabbit mAb (AAA282819, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with γ -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



WB (Western Blot)

Western blot analysis of various lysates using EB3/MAPRE3 Rabbit mAb (AAA282819) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-MAPRE3 antibody	The protein encoded by this gene is a member of the RP/EB family of genes. The protein localizes to the cytoplasmic microtubule network and binds APCL, a homolog of the adenomatous polyposis coli tumor suppressor gene.
Product Categories/Family for anti-MAPRE3 antibody	Cancer; Signal Transduction; G protein signaling; Small G proteins; Cell Biology Developmental Biology; Cell Cycle; Centrosome; Cell cycle inhibitors; Cytoskeleton; Microtubules; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	10800412
NCBI GeneID	22924
NCBI Accession #	NP_036458.2
NCBI GenBank Nucleotide #	NM_012326.3
UniProt Accession #	Q9UPY8; O00265; Q6FHB0; Q6FI15; Q9BZP7; Q9BZP8; B7WPK5
Molecular Weight	Calculated MW: 32kDa Observed MW: 32kDa
UniProt Protein Name	Microtubule-associated protein RP/EB family member 3
UniProt Gene Name	MAPRE3
UniProt Synonym Gene Names	EBF3; EB3
UniProt Entry Name	MARE3_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/eb3-mapre3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282819>