

Rabbit MARK2 Monoclonal Antibody | anti-MARK2 antibody

MARK2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312696	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MARK2; Monoclonal Antibody; MARK2 Antibody; ELKL motif kinase 1 antibody; ELKL motif kinase antibody; EMK-1 antibody; EMK1 antibody; MAP/microtubule affinity regulating kinase 2 antibody; MAP/microtubule affinity-regulating kinase 2 antibody; Mark2 antibody; MARK2_HUMAN antibody; MGC99619 antibody; PAR 1 antibody; Par 1b antibody; PAR1 homolog antibody; Par1b antibody; Ser/Thr protein kinase PAR 1B antibody; Serine/threonine protein kinase EMK antibody; Serine/threonine protein kinase MARK2 antibody; Serine/threonine-protein kinase MARK2 antibody; anti-MARK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JE40-97
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MARK2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein near the C-terminus of human MARK2.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



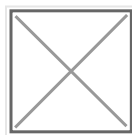
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of MCF-7 cells with MARK2 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human appendix tissue using anti-MARK2 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of MARK2 on MCF-7 (1) and SK-Br-3 (2) cell lysate using anti-MARK2 antibody at 1/2, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-MARK2 antibody	Microtubule affinity-regulating kinase 2 (MARK2), also known as EMK1 (ELKL motif kinase 1) or Par1b, is a 788 amino acid protein that is a member of the protein kinase superfamily, MARK subfamily. Highly expressed in heart, brain, skeletal muscle and pancreas, MARK2 is essential for the asymmetric development of membrane domains around polarized epithelial cells. Activation of MARK2 by phosphorylation on Thr 208 allows the protein to modulate the building of a columnar versus a hepatic epithelial cell. MARK2 contains one KA1 (kinase-associated) domain, one protein kinase domain and one UBA domain. MARK2 is expressed as 14 isoforms produced by alternative splicing events. Some of these isoforms may function in graft rejection.
Product Categories/Family for anti-MARK2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	254028234
NCBI GeneID	2011
NCBI Accession #	NP_001034558.2
NCBI GenBank Nucleotide #	NM_001039469.2
UniProt Accession #	Q7KZI7; Q15449; Q15524; Q5XGA3; Q68A18; Q96HB3; Q96RGO
Molecular Weight	87,911 Da
NCBI Official Full Name	serine/threonine-protein kinase MARK2 isoform d
NCBI Official Synonym Full Names	MAP/microtubule affinity-regulating kinase 2
NCBI Official Symbol	MARK2
NCBI Official Synonym Symbols	EMK1; EMK-1; PAR-1; Par1b; Par-1b
NCBI Protein Information	serine/threonine-protein kinase MARK2; PAR1 homolog b; ELKL motif kinase 1; Ser/Thr protein kinase PAR-1B; serine/threonine protein kinase EMK
UniProt Protein Name	Serine/threonine-protein kinase MARK2
UniProt Gene Name	MARK2
UniProt Synonym Gene Names	EMK1; EMK-1; Par-1b; Par1b
UniProt Entry Name	MARK2_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/mark2-antibody-clone-je40-97-flow-cytometry-immunohistochemistry-western-blot-elisa/312696>