

Mouse anti-Human MEMO1 Monoclonal Antibody | anti-MEMO1 antibody

MEMO1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48338	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, ELISA

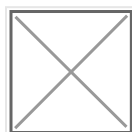
PRODUCT SYNONYMS

MEMO1; Monoclonal Antibody; Protein MEMO1; C2orf4; CGI-27; MEMO; NS5ATP7; anti-MEMO1 antibody

PRODUCT SPECIFICATIONS

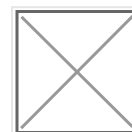
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	AT1E9
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	297
Applicable Applications for anti-MEMO1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human MEMO1 (1-297aa) purified from E. coli
Conjugation	Unconjugated
Note	This product was produced from tissue culture supernatant.
Preparation and Storage	Can be stored at 2 degree C to 8 degree C for 1 week. For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometry analysis of MEMO1 in U87MG cells. The cell was stained at 2-5ug for 1x10⁶ cells (red). A Goat anti mouse IgG (Alexa fluor 488) was used as the secondary antibody. Mouse monoclonal IgG was used as the isotype control (dark gray), cells without incubation with primary and secondary antibody was used as the negative control (light gray).



WB (Western Blot)

The cell lysates(40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human MEMO1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: Jurkat cell lysate Lane 2.: U87MG cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-MEMO1 antibody	MEMO1 (Mediator of ErbB2-driven cell motility 1) is a 297 amino acid protein. It is thought to relax extracellular chemotactic signals that are targeted at the microtubule cytoskeleton, thereby controlling cell migration. Additionally, MEMO1 is required for breast carcinoma migration, suggesting an important role in tumorigenesis. The MEMO1-RHOA-DIAPH1 signaling pathway plays an important role in ERBB2-dependent stabilization of microtubules at the cell cortex. It controls the localization of APC and CLASP2 to the cell membrane, via the regulation of GSK3B activity.
Product Categories/Family for anti-MEMO1 antibody	Signal Transduction
References	Marone R., et al. (2004) Nat Cell Biol 6(6):515-522; Meira M., et al. (2009) J Cell Sci 122:787-797; Zaoui K., et al. (2010) Proc Natl Acad Sci USA 107(43):18517-18522

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705720
NCBI GeneID	51072
NCBI Accession #	NP_057039
NCBI GenBank Nucleotide #	NP_057039.1
UniProt Accession #	Q9Y316
NCBI Official Full Name	protein MEMO1 isoform 1
NCBI Official Synonym Full Names	mediator of cell motility 1
NCBI Official Symbol	MEMO1
NCBI Official Synonym Symbols	MEMO; C2orf4; CGI-27; NS5ATP7
NCBI Protein Information	protein MEMO1
UniProt Protein Name	Protein MEMO1
UniProt Gene Name	MEMO1
UniProt Synonym Gene Names	C2orf4; MEMO; NS5ATP7; HCV NS5A-transactivated protein 7; Mediator of cell motility 1; Memo-1
UniProt Entry Name	MEMO1_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/memo1-antibody-clone-at1e9-flow-cytometry-western-blot-elisa/48338>