

ARG57005 anti-MEMO1 antibody [1E9]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [1E9] recognizes MEMO1
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Mouse
Clonality	Monoclonal
Clone	1E9
Isotype	IgG1, kappa
Target Name	MEMO1
Species	Human
Immunogen	Recombinant fragment around aa. 1-297 of Human MEMO1.
Conjugation	Un-conjugated
Alternate Names	Memo-1; HCV NS5A-transactivated protein 7; Mediator of cell motility 1; C2orf4; MEMO; CGI-27; NS5ATP7; Hepatitis C virus NS5A-transactivated protein 7; Mediator of ErbB2-driven cell motility 1; Protein MEMO1; C21orf19-like protein

Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	ICC/IF	Assay-dependent
	WB	1:3000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 51072 Human](#)

[Swiss-port # Q9Y316 Human](#)

Gene Symbol

MEMO1

Gene Full Name

mediator of cell motility 1

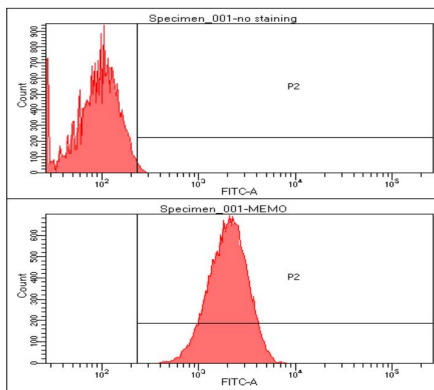
Function

May control cell migration by relaying extracellular chemotactic signals to the microtubule cytoskeleton. Mediator of ERBB2 signaling. 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. In turn, membrane-bound APC allows the localization of the MACF1 to the cell membrane, which is required for microtubule capture and stabilization. Is required for breast carcinoma cell migration. [UniProt]

Calculated Mw

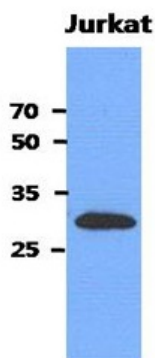
34 kDa

Images



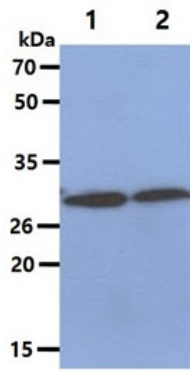
ARG57005 anti-MEMO1 antibody [1E9] FACS image

Flow Cytometry: U87MG cell line stained with ARG57005 anti-MEMO1 antibody [1E9] at 2-5 μg for 1×10^6 cells. Secondary antibody: Goat anti-Mouse IgG Alexa fluor 488 conjugate.



ARG57005 anti-MEMO1 antibody [1E9] WB image

Western blot: 40 μg of Jurkat cell lysate stained with ARG57005 anti-MEMO1 antibody [1E9] at 1:3000.



ARG57005 anti-MEMO1 antibody [1E9] WB image

Western blot: 40 µg of 1) U-87 MG cell lysate, 2) Brain tissue lysate stained with ARG57005 anti-MEMO1 antibody [1E9] at 1:3000.