# 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

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| 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. |

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

## Bioinformation

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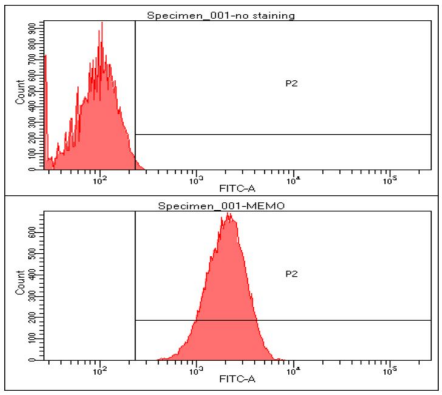
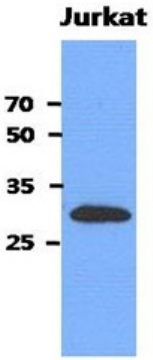
|---|---|
| Database links | GeneID: 51072 Human<br><br>Swiss-port # Q9Y316 Human |
| Gene Symbol | MEMO1 |
| Gene Full Name | mediator of cell motility 1 |
| Function | May control cell migration by relaying extracellular chemotactic signals to the microtubule cytoskeleton. Mediator of ERBB2 signaling. 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



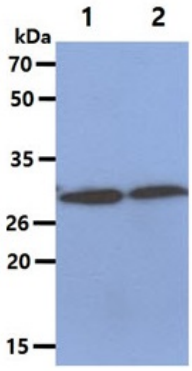

ARG57005 anti-MEMO1 antibody [1E9] FACS image

Flow Cytometry: U87MG cell line stained with ARG57005 anti-MEMO1 antibody [1E9] at 2-5 µg for 1x10^6 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.