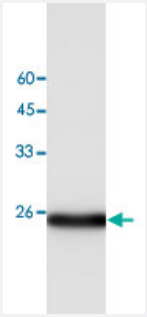
ARHGDIB monoclonal antibody, clone 16

Catalog # MAB9959 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of Jurkat whole cell lystae with ARHGDIB monoclonal antibody, clone 16 (Cat # MAB9959) at 1:1000 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant ARHGDIB.
Immunogen	Recombinant protein corresponding to full length human ARHGDIB.
Host	Mouse
Reactivity	Human
Specificity	It can expression in Jurkat whole cell lysate.
Form	Liquid
Purification	Affinity purification
Isotype	IgG1
Recommend Usage	Western blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Citrate-Tris-HCl buffer, pH 7.0 (0.02% Proclin 300)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Cell lysate)

  Western blot analysis of Jurkat whole cell lystae with ARHGDIB monoclonal antibody, clone 16 (Cat # MAB9959) at 1:1000 dilution.

Gene Info — ARHGDIB

Entrez GeneID	397
Protein Accession#	P52566
Gene Name	ARHGDIB
Gene Alias	D4, GDIA2, GDID4, LYGDI, Ly-GDI, RAP1GN1, RhoGDI2
Gene Description	Rho GDP dissociation inhibitor (GDI) beta
Omim ID	602843
Gene Ontology	Hyperlink
Other Designations	Rho GDI 2|Rho GDP-dissociation inhibitor 2

Publication Reference

- mTOR signaling during T cell activation promotes cytokine production in T cells through 3' UTR-mediated translation control.

  Anouk P Jurgens, Josephine Zwijnen, Antonia Bradarić, Floris P J van Alphen, Kaspar Bresser, Koos Rooijers, Arie J Hoogendijk, Branka Popović, Monika C Wolkers.

  Molecular Cell 2025 Dec; 85(23):4452.

  Application: WB, Human, CD3+ T cell lysates

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- Single-molecule imaging of transcription dynamics, RNA localization and fate in human T cells.

  M Valeria Lattanzio, Nikolina Šoštarić, Nandhini Kanagasabesan, Branka Popović, Antonia Bradarić, Leyma Wardak, Aurélie Guislain, Philipp Savakis, Evelina Tutucci, Monika C Wolkers.

  The EMBO Journal 2025 Nov; 44(22):6732.

  Application: IP, WB, Human, Human CD8+ Teff cells

- Combined Deletion of ZFP36L1 and ZFP36L2 Drives Superior Cytokine Production in T Cells at the Cost of Cell Fitness.

  Nordin D Zandhuis., Antonia Bradarić., Carmen van der Zwaan., Arie J Hoogendijk., Branka Popović., Monika C Wolkers.

  European journal of immunology 2025 Apr; 55(4):e202451641.

  Application: Western Blot, Mouse, OT-I T cells

- Regulation of IFN-γ production by ZFP36L2 in T cells is time-dependent.

  Nordin D Zandhuis, Aurélie Guislain, Abeera Popalzij, Sander Engels, Branka Popović, Martin Turner, Monika C Wolkers.

  Eur J Immunol 2024 Jul; 0:e2451018.

  Application: WB, Mice, OT-I T cell

- Time-dependent regulation of cytokine production by RNA binding proteins defines T cell effector function

  Branka Popović, Benoît P Nicolet, Aurélie Guislain, Sander Engels, Anouk P Jurgens, Natali Paravinja, Julian J Freen-van Heeren, Floris P J van Alphen, Maartje van den Biggelaar, Fiamma Salerno, Monika C Wolkers.

  Cell Rep 2023 May; 42(5):112419.

  Application: WB, Human, T cell

- Time-dependent regulation of cytokine production by RNA binding proteins defines T cell effector function

  Branka Popović, Benoît P Nicolet, Aurélie Guislain, Sander Engels, Anouk P Jurgens, Natali Paravinja, Julian J Freen-van Heeren, Floris P J van Alphen, Maartje van den Biggelaar, Fiamma Salerno, Monika C Wolkers.

  Cell Rep 2023 May; 42(5):112419.

  Application: WB, Human, T cell

- Translational repression of pre-formed cytokine-encoding mRNA prevents chronic activation of memory T cells.

  Salerno F, Engels S, van den Biggelaar M, van Alphen FPJ, Guislain A, Zhao W, Hodge DL, Bell SE, Medema JP, von Lindern M, Turner M, Young HA, Wolkers MC.

  Nature Immunology 2018 Aug; 19(8):828.

  Application: WB-Ce, Mouse, CD8+CD44lo, CD8+CD44hi T cells from spleen

Pathway

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- Neurotrophin signaling pathway

Disease

- Genetic Predisposition to Disease
- Lung Neoplasms
- Prostatic Neoplasms
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Werner syndrome

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