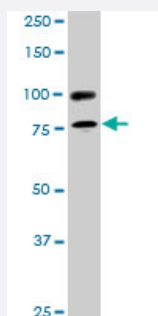


RALBP1 monoclonal antibody (M02), clone 2A1

Catalog # H00010928-M02

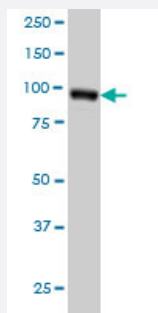
Size 100 ug

Applications



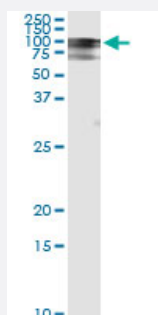
Western Blot (Cell lysate)

RALBP1 monoclonal antibody (M02), clone 2A1. Western Blot analysis of RALBP1 expression in C32 (Cat # L002V1).



Western Blot (Cell lysate)

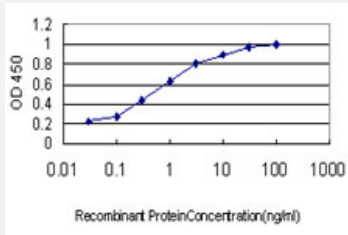
RALBP1 monoclonal antibody (M02), clone 2A1 Western Blot analysis of RALBP1 expression in HeLa (Cat # L013V1).



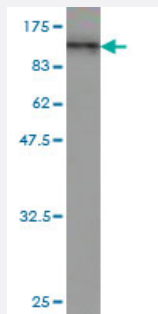
Immunoprecipitation

Immunoprecipitation of RALBP1 transfected lysate using anti-RALBP1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with RALBP1 MaxPab rabbit polyclonal antibody.

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged RALBP1 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (97.79 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant RALBP1.
Immunogen	RALBP1 (AAH13126.1, 1 a.a. ~ 655 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTECFLPPTSSPSEHRRVEHGSLTRTPSSEEISPTKFPGLYRTGEPSPPHDILHEPPDVVSDDE KDHGKKKGKFKKKEKRTEGYAAFQEDSSGDEAESPSKMKRSKGIHVFKKPSFSKKKEKDFKIKE KPKEEKHKKEKHKEKHKEKSKDLTAADVVKQWKEKKKKKKPIQEPEVPQIDVPNLKPIFGIPL ADAVERTMMYDGIPLPAVFRECIDYVEKYGMKCEGYRVSGIKSVDELKAAYDREESTNLEDYEP NTVASLLKQYLRDLPENLLTKELMPRFEEACGRTTETEKVQEFQRLKELPECNYLLISWLIVHMD HVIAKELETKMNIQNISIVLSPTVQISNRVLYVFFTHVQELFGNVVLKQVMKPLRWSNMATMPTLPE TQAGIKEEIRRQEFLNCLHRDLQGGIKDLSKEERLWEVQRILTALKRKLREAKRQECETKIAQEIAS LSKEDVSKEEMNENEEVINILLAQENEILTEQEELLAMEQFLRRQIASEKEEIERLRAEIAEQSRQQ HGRSETEEYSSSESESESEDEEELQIILEDLQRQNEELEIKNNHLNQAIHEEREAIILRVQLRLLQMQ RAKAEQQAQEEDEEPEWRGGAVQPPRDGVLEPKAAREQPKAGKEPAKPSPSRDRKETS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (91)
Isotype	IgG2b Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (97.79 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

RALBP1 monoclonal antibody (M02), clone 2A1. Western Blot analysis of RALBP1 expression in C32 (Cat # L002V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

RALBP1 monoclonal antibody (M02), clone 2A1 Western Blot analysis of RALBP1 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of RALBP1 transfected lysate using anti-RALBP1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with RALBP1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RALBP1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — RALBP1

Entrez GeneID

[10928](#)

GeneBank Accession#

[BC013126](#)

Protein Accession#

[AAH13126.1](#)

Gene Name	RALBP1
Gene Alias	RIP1, RLIP1, RLIP76
Gene Description	ralA binding protein 1
Omim ID	605801
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000162351 ral-interacting protein 1 ralA-binding protein 1

Publication Reference

- [Proteome Profiling Uncovers an Autoimmune Response Signature That Reflects Ovarian Cancer Pathogenesis.](#)

Kobayashi M, Katayama H, Irajizad E, Vykoukal JV, Fahrman JF, Kundnani DL, Yu CY, Cai Y, Hsiao FC, Yang WL, Lu Z, Celestino J, Long JP, Do KA, Lu KH, Ladd JJ, Urban N, Bast RC Jr, Hanash SM.

Cancers 2020 Feb; 12(2):E485.

Application: IP, WB-Tr, Human, DOV13, OVCAR8 cells

- [Dual effects of Ral-activated pathways on p27 localization and TGF- \$\beta\$ signaling.](#)

Tazat K, Harsat M, Goldshmid-Shagal A, Ehrlich M, Henis YL.

Molecular Biology of the Cell 2013 Jun; 24(11):1812.

Application: WB-Ce, Human, Mv1Lu cells

- [The RalB small GTPase mediates formation of invadopodia through a GTPase-activating protein-independent function of the RalBP1/RLIP76 effector.](#)

Neel NF, Rossman KL, Martin TD, Hayes TK, Yeh JJ, Der CJ.

Molecular and Cellular Biology 2012 Apr; 32(8):1374.

Application: WB-Tr, Human, CFPAC-1 cells

- [Dynamics of the subcellular localization of RalBP1/RLIP through the cell cycle: the role of targeting signals and of protein-protein interactions.](#)

Fillatre J, Delacour D, Van Hove L, Bagarre T, Houssin N, Soulika M, Veitia RA, Moreau J.

FASEB Journal 2012 May; 26(5):2164.

Application: IF, WB-Tr, Human, Xenopus, X. laevis embryos, HeLa cells

- [Ras-Related Small GTPases RalA and RalB Regulate Cellular Survival After Ionizing Radiation.](#)

Kidd AR 3rd, Snider JL, Martin TD, Graboski SF, Der CJ, Cox AD.

International Journal of Radiation Oncology, Biology, Physics 2010 Sep; 78(1):205.

Application: WB, Human, MIA PaCa-2 cells

- [Mass spectroscopic phosphoprotein mapping of Ral binding protein 1 \(RalBP1/Rip1/RLIP76\).](#)

Herlevsen MC, Theodorescu D.

Biochemical and Biophysical Research Communications 2007 Aug; 362(1):56.

Application: IP-WB, Human, HEK 293T cells

- [Expression of Ral GTPases, Their Effectors, and Activators in Human Bladder Cancer.](#)

Smith SC, Oxford G, Baras AS, Owens C, Havaleshko D, Brautigan DL, Safo MK, Theodorescu D.

Clinical Cancer Research 2007 Jul; 13(13):3803.

Application: WB-Ti, Human, Adjacent normal bladder mucosa, muscle invasive bladder tumor

Pathway

- [Pancreatic cancer](#)
- [Pathways in cancer](#)

Disease

- [Epilepsy](#)