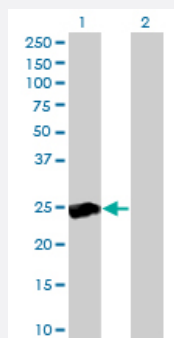


RALB monoclonal antibody (M04), clone 4D1

Catalog # H00005899-M04

Size 100 ug

Applications

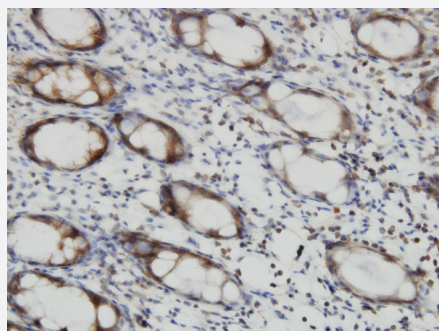


Western Blot (Transfected lysate)

Western Blot analysis of RALB expression in transfected 293T cell line by RALB monoclonal antibody (M04), clone 4D1.

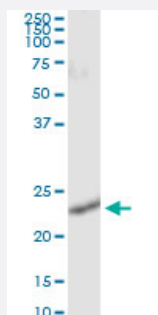
Lane 1: RALB transfected lysate (23.4 kDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to RALB on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]

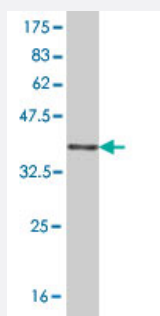
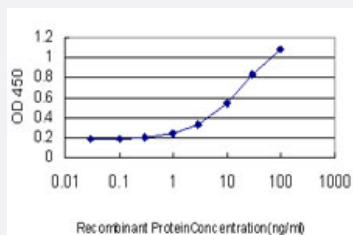


Immunoprecipitation

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

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RALB is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.08 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RALB.
Immunogen	RALB (AAH18163, 89 a.a. ~ 183 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FLLVFSITEHESFTATAEFREQILRVKAEEDKIPLLVVGNKSDLEERRQVPVEEARSKAEEWGVQY VETSAKTRANVDKVFFDLMREIRTKKMSE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (98)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.08 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 (Transfected lysate)

Western Blot analysis of RALB expression in transfected 293T cell line by RALB monoclonal antibody (M04), clone 4D1.

Lane 1: RALB transfected lysate(23.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to RALB on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunoprecipitation

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

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RALB is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — RALB

Entrez GeneID	5899
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GeneBank Accession#	BC018163
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Protein Accession#	AAH18163
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Gene Name	RALB
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Gene Alias	-
Gene Description	v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein)
Omim ID	179551
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a GTP-binding protein that belongs to the small GTPase superfamily and Ras family of proteins. GTP-binding proteins mediate the transmembrane signaling initiated by the occupancy of certain cell surface receptors. [provided by RefSeq]
Other Designations	GTP binding protein RAS-like protein B v-ral simian leukemia viral oncogene homolog B

Publication Reference

- [The mycobacterium bovis BCG phagosome proteome.](#)

Lee BY, Jethwaney D, Schilling B, Clemens DL, Gibson BW, Horwitz MA.

Molecular & Cellular Proteomics 2010 Jan; 9(1):32.

Application: WB-Ce, Human, THP-1 cells

Pathway

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

Disease

- [Tobacco Use Disorder](#)