

## RIN2 monoclonal antibody (M01), clone 1E7

Catalog # : H00054453-M01

規格 : [ 100 ug ]

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### Specification

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant RIN2.

**Immunogen:** RIN2 (NP\_061866, 786 a.a. ~ 894 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

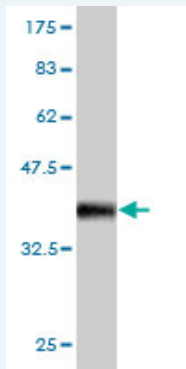
**Sequence:** DFQNYLRVAFQEVNSGCTGKTLVLRPYITTEDVCQICAEEKFKVGDPEEY  
SLFLFVDETWQQLAEDTYPQKIKAEELHSRQPPIHFVYKRIKNDPYGIIF  
QNGEEDLTT

**Host:** Mouse

**Reactivity:** Human

**Isotype:** IgG1 Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.73 KDa) .

**Storage Buffer:** In 1x PBS, pH 7.4

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

**MSDS:** [Download](#)

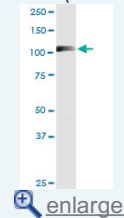
**Datasheet:** [Download](#)

### Applications

Western Blot (Tissue lysate)

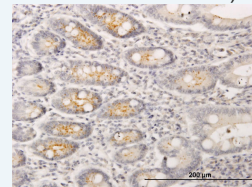
### Application Image

Western Blot (Tissue lysate)

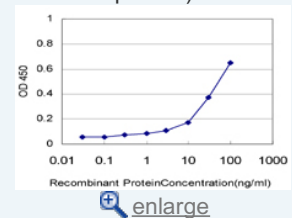


Western Blot (Recombinant protein)

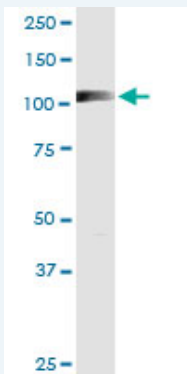
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



Sandwich ELISA (Recombinant protein)



ELISA



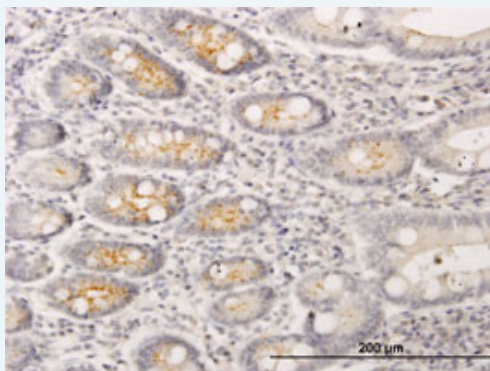
RIN2 monoclonal antibody (M01), clone 1E7. Western Blot analysis of RIN2 expression in human liver.

[Protocol Download](#)

#### Western Blot (Recombinant protein)

[Protocol Download](#)

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

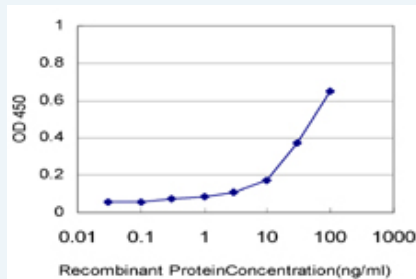


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to RIN2 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 1.5 ug/ml]

[Protocol Download](#)

#### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged RIN2 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

#### ELISA

#### Gene Information

Entrez GeneID: [54453](#)

GeneBank Accession#: [NM\\_018993](#)

Protein Accession#: [NP\\_061866](#)

Gene Name: RIN2

Gene Alias: RASSF4

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**Gene** Ras and Rab interactor 2

**Description:**

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**Omim ID:** [610222](#)

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**Gene Ontology:** [Hyperlink](#)

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**Gene Summary:** The RAB5 protein is a small GTPase involved in membrane trafficking in the early endocytic pathway. The protein encoded by this gene binds the GTP-bound form of the RAB5 protein preferentially over the GDP-bound form, and functions as a guanine nucleotide exchange factor for RAB5. The encoded protein is found primarily as a tetramer in the cytoplasm and does not bind other members of the RAB family.  
[provided by RefSeq]

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**Other Designations:** RAB5 interacting protein 2,RAS association (RalGDS/AF-6) domain containing protein JC265,RAS association domain family 4,RAS inhibitor JC265,RAS interaction/interference protein 2

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