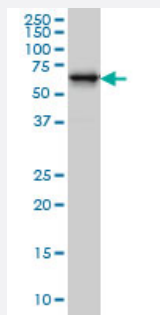


RTKN monoclonal antibody (M01), clone 2E5

Catalog # H00006242-M01

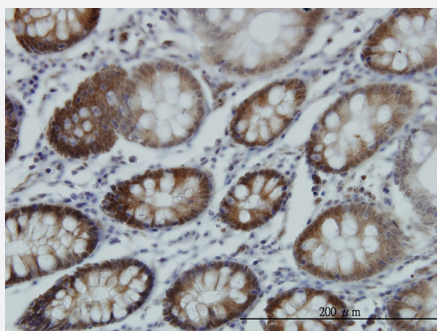
Size 100 ug

Applications



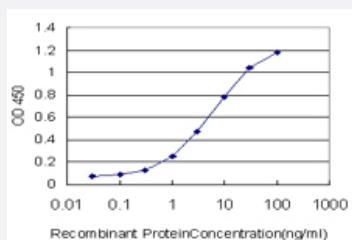
Western Blot (Cell lysate)

RTKN monoclonal antibody (M01), clone 2E5 Western Blot analysis of RTKN expression in A-431 (Cat # L015V1).



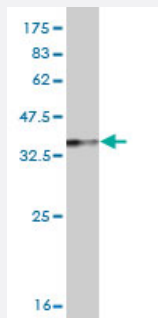
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RTKN.
Immunogen	RTKN (NP_149035, 451 a.a. ~ 549 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VTDILTQREGARLETTPPWLAMFTDQPALPNPCSPASVAPAPDWITHPLPWGRPRTFSLDAVPPDHSPRARSVAPLPPQQRSPRTRGLCSKGQPRTWLQSP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (76); Rat (77)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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)

RTKN monoclonal antibody (M01), clone 2E5 Western Blot analysis of RTKN expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

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

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- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — RTKN

Entrez GeneID [6242](#)

GeneBank Accession# [NM_033046](#)

Protein Accession# [NP_149035](#)

Gene Name RTKN

Gene Alias -

Gene Description rhotekin

Omim ID [602288](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a scaffold protein that interacts with GTP-bound Rho proteins. Binding of this protein inhibits the GTPase activity of Rho proteins. This protein may interfere with the conversion of active, GTP-bound Rho to the inactive GDP-bound form by RhoGAP. Rho proteins regulate many important cellular processes, including cytokinesis, transcription, smooth muscle contraction, cell growth and transformation. Dysregulation of the Rho signal transduction pathway has been implicated in many forms of cancer. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations -