

# Product Datasheet

## RTKN Antibody (2E5) - Azide and BSA Free H00006242-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00006242-M01**

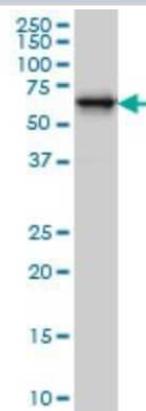
RTKN Antibody (2E5) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2E5
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	6242
<b>Gene Symbol</b>	RTKN
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	RTKN (2E5)
<b>Immunogen</b>	RTKN (NP_149035, 451 a.a. ~ 549 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. VTDILTQREGARLETPPPWLAMFTDQPALPNPCSPASVAPAPDWTWTHPLPWGR PRTFSLDAVPPDHSPRARSVAPLPPQRSRTRGLCSKGGPRTWLQSP
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IHC-P and ELISA. ICC/IF usage was reported in scientific literature.



## Images

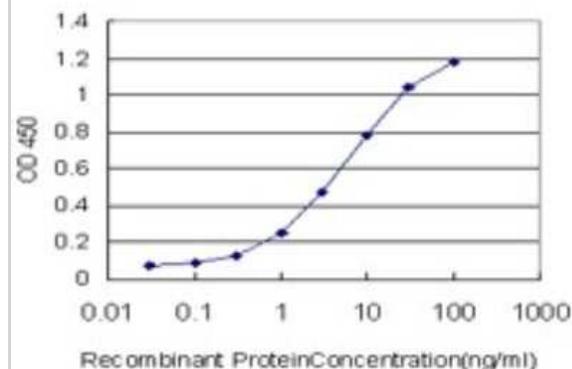
Western Blot: RTKN Antibody (2E5) [H00006242-M01] - RTKN monoclonal antibody (M01), clone 2E5 Analysis of RTKN expression in A-431.



Immunohistochemistry-Paraffin: RTKN Antibody (2E5) [H00006242-M01] - Analysis of monoclonal antibody to RTKN on formalin-fixed paraffin-embedded human colon. Antibody concentration 3 ug/ml.



Sandwich ELISA: RTKN Antibody (2E5) [H00006242-M01] - Detection limit for recombinant GST tagged RTKN is approximately 0.3ng/ml as a capture antibody.



## Publications

Pusapati GV, Eiseler T, Rykx A et al. Protein kinase D regulates RhoA activity via rhotekin phosphorylation. *Journal of Biological Chemistry*. 2012-03-16 [PMID: 22228765] (WB, Human)

Shankar J, Messenberg A, Chan J et al. Pseudopodial actin dynamics control epithelial-mesenchymal transition in metastatic cancer cells *Cancer Res* 2010-05-01 [PMID: 20388789] (ICC/IF, Human)



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### **Products Related to H00006242-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00006242-Q01-10ug	Recombinant Human RTKN GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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