

# Product Datasheet

## PTK7/CCK4 Antibody (4F5) - Azide and BSA Free H00005754-M06

Unit Size: 0.1 mg

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

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**H00005754-M06**

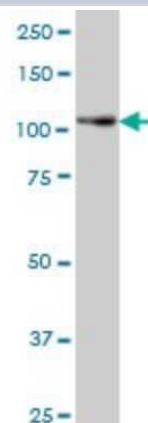
PTK7/CCK4 Antibody (4F5) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4F5
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5754
Gene Symbol	PTK7
Species	Human, Rat
Specificity/Sensitivity	PTK7 - protein tyrosine kinase 7
Immunogen	PTK7 (NP_002812, 36 a.a. ~ 145 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. KQPSSQDALQGRRALLRCEVEAPGPVHVYWLLDGAPVQDTERRFAQGSSLSF AAVDRLQDSGTFQCVARDDVTGEEARSANASFNIKWIEAGPVVLKHPASEAEI QPQTQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.

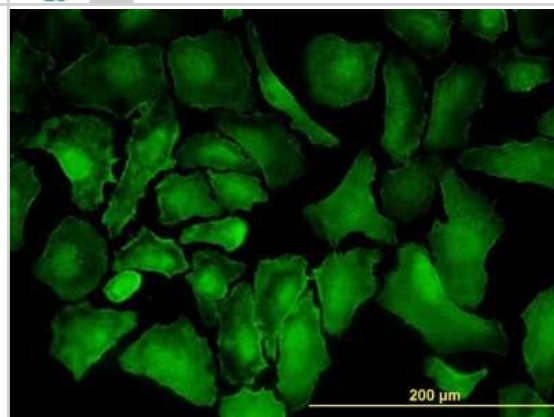


## Images

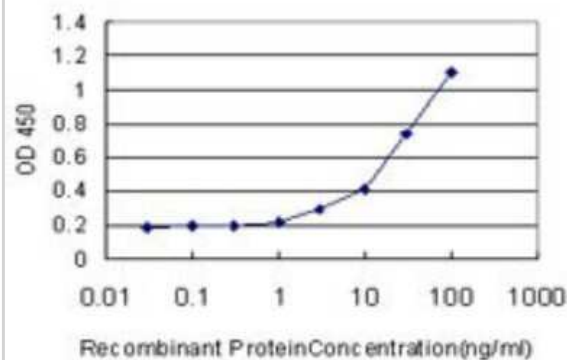
Western Blot: PTK7/CCK4 Antibody (4F5) [H00005754-M06] - Analysis of PTK7 expression in A-431 (Cat # L015V1).



Immunocytochemistry/Immunofluorescence: PTK7/CCK4 Antibody (4F5) [H00005754-M06] - Analysis of monoclonal antibody to PTK7 on HeLa cell. Antibody concentration 10 ug/ml



ELISA: PTK7/CCK4 Antibody (4F5) [H00005754-M06] - Detection limit for recombinant GST tagged PTK7 is approximately 1ng/ml as a capture antibody.



## Publications

Pau G, Carlos G, Yolanda C et al. Frizzled 1 and Wnt1 as new potential therapeutic targets in the traumatically injured spinal cord. Cell Mol Life Sci. 2020-01-03 [PMID: 31900623]

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**Products Related to H00005754-M06**

NB820-59461	A-431 Whole Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

**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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