

# Product Datasheet

## STK38 Antibody (2F6) H00011329-M11

Unit Size: 0.1 mg

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

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**H00011329-M11**

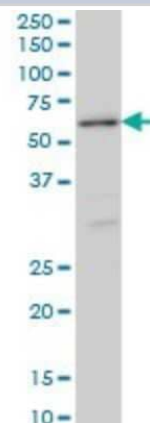
STK38 Antibody (2F6)

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	2F6
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	11329
Gene Symbol	STK38
Species	Human
Specificity/Sensitivity	STK38 (2F6)
Immunogen	STK38 (AAH12085, 365 a.a. ~ 465 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. EHRIGAPGVVEEIKSNSFFEGVDWEHIRERPAAISIEIKSIDDTSNFDEFPESDILKP TVATSNHPETDYKNKDWVFINYTYKRFEGLTARGAIPSYMKAAK
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 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA.

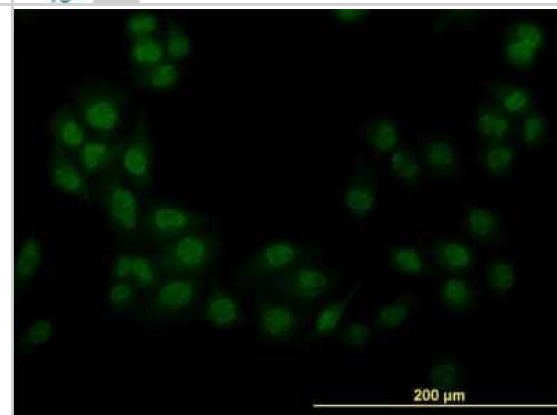


## Images

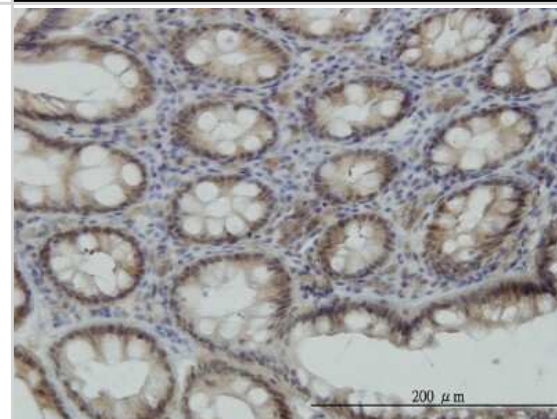
Western Blot: STK38 Antibody (2F6) [H00011329-M11] - Analysis of STK38 expression in Hela S3 NE (Cat # L013V3).



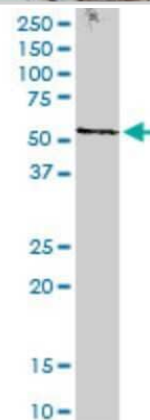
Immunocytochemistry/Immunofluorescence: STK38 Antibody (2F6) [H00011329-M11] - Analysis of monoclonal antibody to STK38 on HeLa cell. Antibody concentration 10 ug/ml



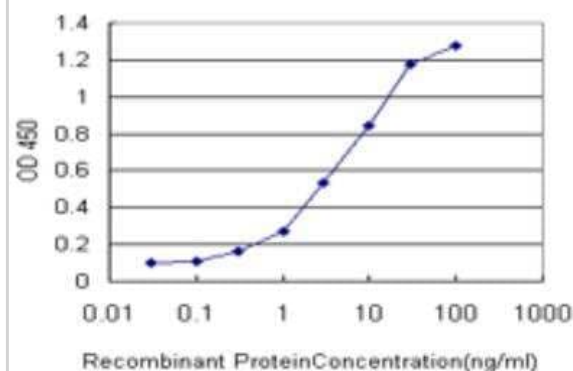
Immunohistochemistry-Paraffin: STK38 Antibody (2F6) [H00011329-M11] - Analysis of monoclonal antibody to STK38 on formalin-fixed paraffin-embedded human colon. Antibody concentration 2 ug/ml



Western Blot: STK38 Antibody (2F6) [H00011329-M11] - Analysis of STK38 expression in human kidney.



ELISA: STK38 Antibody (2F6) [H00011329-M11] - Detection limit for recombinant GST tagged STK38 is approximately 0.3ng/ml as a capture antibody.



## Publications

Enomoto A, Fukasawa T, Tsumoto H et al. Prevention of calpain-dependent degradation of STK38 by MEKK2-mediated phosphorylation. *Sci Rep.* 2019-11-05 [PMID: 31690749]

Cook D, Hoa LY, Gomez V et al. Constitutively active NDR1-PIF kinase functions independent of MST1 and hMOB1 signalling. *Cell Signal.* 2014-04-18 [PMID: 24747552]

Fukasawa T, Enomoto A, Miyagawa K. Serine-Threonine Kinase 38 regulates CDC25A stability and the DNA damage-induced G2/M checkpoint. *Cell Signal.* 2015-04-30 [PMID: 25936524]



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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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