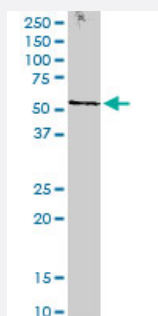


STK38 monoclonal antibody (M11), clone 2F6

Catalog # H00011329-M11

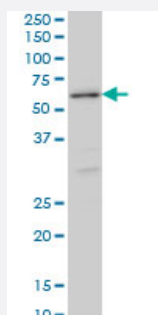
Size 50 ug

Applications



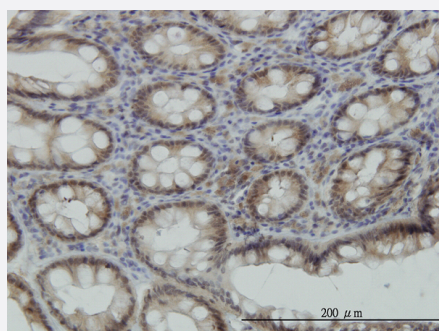
Western Blot (Tissue lysate)

STK38 monoclonal antibody (M11), clone 2F6. Western Blot analysis of STK38 expression in human kidney.



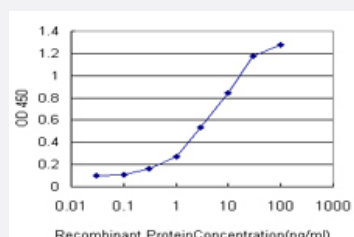
Western Blot (Cell lysate)

STK38 monoclonal antibody (M11), clone 2F6 Western Blot analysis of STK38 expression in HeLa S3 NE (Cat # L013V3).



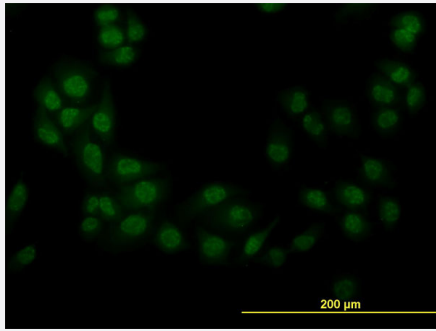
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to STK38 on formalin-fixed paraffin-embedded human colon. [antibody concentration 2 ug/ml]



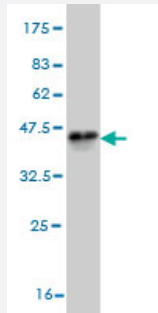
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STK38 is approximately 0.3ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to STK38 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.85 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant STK38.
Immunogen	STK38 (AAH12085, 365 a.a. ~ 465 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EHRIGAPGVEEIKSNSFFEGVDWEHIRERPAAISIEIKSIDDTSNFDEFPESDILKPTVATSNHPETDY KNKDWVFINITYKRFEGLTARGAIPSYMKAAG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.85 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 (Tissue lysate)

STK38 monoclonal antibody (M11), clone 2F6. Western Blot analysis of STK38 expression in human kidney.

[Protocol Download](#)

- Western Blot (Cell lysate)

STK38 monoclonal antibody (M11), clone 2F6 Western Blot analysis of STK38 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to STK38 on formalin-fixed paraffin-embedded human colon. [antibody concentration 2 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STK38 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to STK38 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — STK38

Entrez GeneID	11329
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GeneBank Accession#	BC012085
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Protein Accession#	AAH12085
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Gene Name	STK38
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Gene Alias	NDR, NDR1
Gene Description	serine/threonine kinase 38
Omim ID	606964
Gene Ontology	Hyperlink
Other Designations	Ndr Ser/Thr kinase-like protein OTTHUMP00000016293 nuclear Dbf2-related 1 serine threonine protein kinase

Publication Reference

- [Prevention of calpain-dependent degradation of STK38 by MEKK2-mediated phosphorylation.](#)

Enomoto A, Fukasawa T, Tsumoto H, Karube M, Nakagawa K, Yoshizaki A, Sato S, Miura Y, Miyagawa K.

Scientific Reports 2019 Nov; 9(1):16010.

Application: WB-Ce, WB-Tr, Human, HeLa, LU99 cells

- [STK38 kinase acts as XPO1 gatekeeper regulating the nuclear export of autophagy proteins and other cargoes.](#)

Martin AP, Jacquemyn M, Lipecka J, Chhuon C, Aushev VN, Meunier B, Singh MK, Carpi N, Piel M, Codogno P, Hergovich A, Parrini MC, Zalcman G, Guerrero IC, Daelemans D, Camonis JH.

EMBO reports 2019 Nov; 20(11):e48150.

Application: WB-Tr, Human, HekRasV12, HeLa cells

- [Serine-Threonine Kinase 38 regulates CDC25A stability and the DNA damage-induced G2/M checkpoint.](#)

Fukasawa T, Enomoto A, Miyagawa K.

Cellular Signalling 2015 Aug; 27(8):1569.

Application: WB, Human, LU99 cells

- [Constitutively active NDR1-PIF kinase functions independent of MST1 and hMOB1 signalling.](#)

Cook D, Hoa LY, Gomez V, Gomez M, Hergovich A.

Cellular Signalling 2014 Aug; 26(8):1657.

Application: WB-Tr, Human, U-2 OS cells

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)

- [NARP](#)