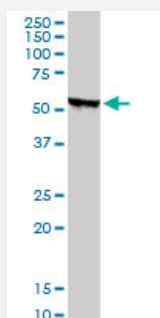


STK38 monoclonal antibody (M01), clone 2G8-1F3

Catalog # H00011329-M01

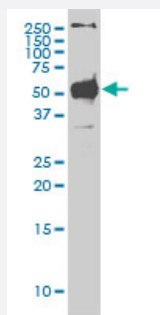
Size 50 ug

Applications



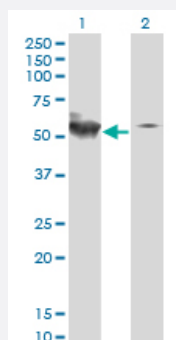
Western Blot (Tissue lysate)

STK38 monoclonal antibody (M01), clone 2G8-1F3. Western Blot analysis of STK38 expression in human kidney.



Western Blot (Cell lysate)

STK38 monoclonal antibody (M01), clone 2G8-1F3 Western Blot analysis of STK38 expression in HeLa S3 NE (Cat # L013V3).

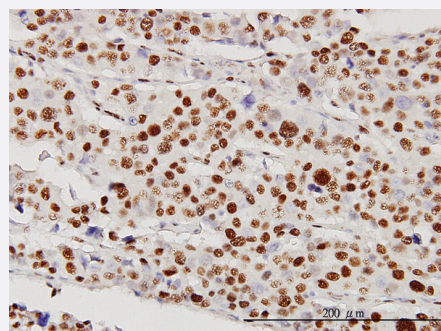


Western Blot (Transfected lysate)

Western Blot analysis of STK38 expression in transfected 293T cell line by STK38 monoclonal antibody (M01), clone 2G8-1F3.

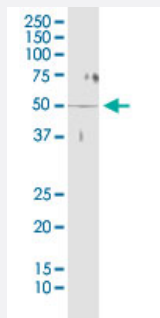
Lane 1: STK38 transfected lysate(54.2 KDa).

Lane 2: Non-transfected lysate.



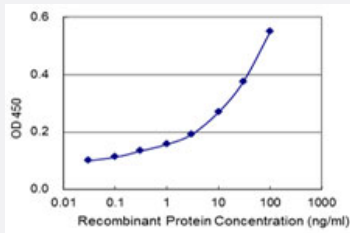
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to STK38 on formalin-fixed paraffin-embedded human malignant lymphoma, diffuse large B tissue [antibody concentration 5 ug/ml]



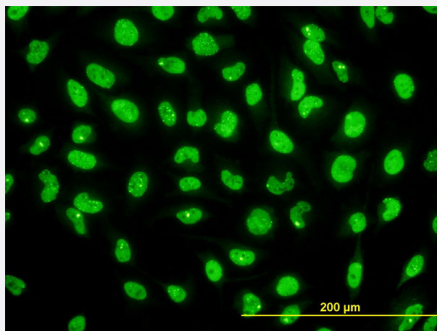
Immunoprecipitation

Immunoprecipitation of STK38 transfected lysate using anti-STK38 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with STK38 MaxPab rabbit polyclonal antibody.



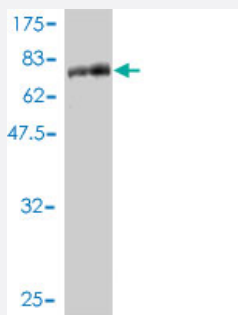
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STK38 is 0.1 ng/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 (76.89 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant STK38.

Immunogen

STK38 (AAH12085, 1 a.a. ~ 465 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence	MAMTGSTPCSSMSNHTKERVMTMTKVTLENFSSNLIAQHEEREMRQKKLEKVMEEEGLKDEEKRL RRSAHARKETEFRLRLKRTLGLDFESLKVIGRGAFGEVRLVQKKDTGHVYAMKILRKADMLEKE QVGHIRAERDILVEADSLWVVKMFYSFQDKLNLYLIMEFLPGGDMMTLLMKKDTLTEEETQFYAET VLAIDSIHQLGFIHRDIKPDNLLLDKSGHVKLSDFGGLCTGLKKAHRTEFYRNLNHSLPSDFTFQNMN SKRKAETWKRNRRLAFSTVGTPDYAPEVFMQTGYNKLCDWWSLGVIMYEMLIGYPPFCSETPQ ETYKKVMNWKETLTFPPEVPISEKAKDLILRFCCWEHRIGAPGVEEIKSNSFFEGVDWEHIRERP AAISIEKSIDDTSNFDEFPESDILKPTVAISNHPETDYKNKDWWFINITYKRFEGLTARGAIPSYMKA AK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98)
Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (76.89 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 (M01), clone 2G8-1F3. Western Blot analysis of STK38 expression in human kidney.

[Protocol Download](#)

- Western Blot (Cell lysate)

STK38 monoclonal antibody (M01), clone 2G8-1F3 Western Blot analysis of STK38 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of STK38 expression in transfected 293T cell line by STK38 monoclonal antibody (M01), clone 2G8-1F3.

Lane 1: STK38 transfected lysate(54.2 KDa).

Lane 2: Non-transfected lysate.

[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 malignant lymphoma, diffuse large B tissue [antibody concentration 5 ug/ml]

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of STK38 transfected lysate using anti-STK38 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with STK38 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STK38 is 0.1 ng/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](#)

GeneBank Accession# [BC012085](#)

Protein Accession# [AAH12085](#)

Gene Name STK38

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

- [MICAL-1 is a Negative Regulator of MST-NDR Kinase Signaling and Apoptosis.](#)

Zhou Y, Adolfs Y, Pijnappel WW, Fuller SJ, Van der Schors RC, Li KW, Sugden PH, Smit AB, Hergovich A, Pasterkamp RJ. Molecular and Cellular Biology 2011 Sep; 31(17):3603.

Application: IP-WB, WB-Ce, WB-Tr, Human, Mouse, HEK293, L cells

Disease

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