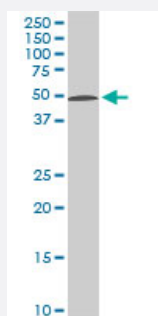


STK38 monoclonal antibody (M04), clone 2F3

Catalog # H00011329-M04

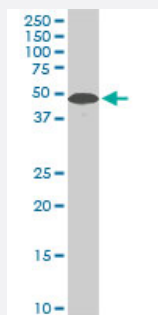
Size 100 ug

Applications



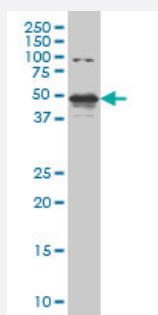
Western Blot (Cell lysate)

STK38 monoclonal antibody (M04), clone 2F3. Western Blot analysis of STK38 expression in NIH/3T3 (Cat # L018V1).



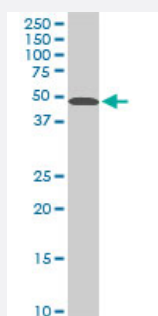
Western Blot (Cell lysate)

STK38 monoclonal antibody (M04), clone 2F3. Western Blot analysis of STK38 expression in PC-12 (Cat # L012V1).



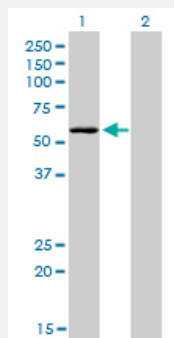
Western Blot (Cell lysate)

STK38 monoclonal antibody (M04), clone 2F3 Western Blot analysis of STK38 expression in HeLa S3 NE (Cat # L013V3).



Western Blot (Cell lysate)

STK38 monoclonal antibody (M04), clone 2F3. Western Blot analysis of STK38 expression in Raw 264.7 (Cat # L024V1).

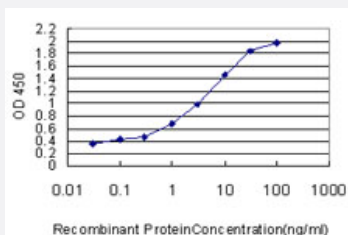


Western Blot (Transfected lysate)

Western Blot analysis of STK38 expression in transfected 293T cell line by STK38 monoclonal antibody (M04), clone 2F3.

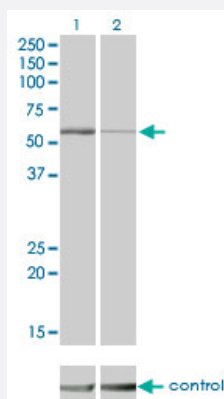
Lane 1: STK38 transfected lysate(54.2 KDa).

Lane 2: Non-transfected lysate.



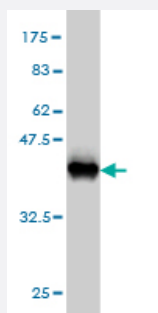
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STK38 is approximately 0.03ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of STK38 over-expressed 293 cell line, cotransfected with STK38 Validated Chimera RNAi (Cat # H00011329-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with STK38 monoclonal antibody (M04) clone 2F3 (Cat # H00011329-M04). GAPDH (36.1 kDa) used as specificity and loading control.



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 KNKDWVFINITYKRFEGLTARGAIPSYMKAAK
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (98)
Isotype	IgG2a 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 (Cell lysate)

STK38 monoclonal antibody (M04), clone 2F3. Western Blot analysis of STK38 expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

STK38 monoclonal antibody (M04), clone 2F3. Western Blot analysis of STK38 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

STK38 monoclonal antibody (M04), clone 2F3 Western Blot analysis of STK38 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Cell lysate)

STK38 monoclonal antibody (M04), clone 2F3. Western Blot analysis of STK38 expression in Raw 264.7 (Cat # L024V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of STK38 expression in transfected 293T cell line by STK38 monoclonal antibody (M04), clone 2F3.

Lane 1: STK38 transfected lysate(54.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STK38 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of STK38 over-expressed 293 cell line, cotransfected with STK38 Validated Chimera RNAi (Cat # H00011329-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with STK38 monoclonal antibody (M04) clone 2F3 (Cat # H00011329-M04). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

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

- [Chromosome misalignments induce spindle-positioning defects.](#)

Tame MA, Raaijmakers JA, Afanasyev P, Medema RH.

EMBO Reports 2016 Mar; 17(3):317.

Application: IF, Human, HeLa, U2OS cells

- [Regulation of NDR1 activity by PLK1 ensures proper spindle orientation in mitosis.](#)

Yan M, Chu L, Qin B, Wang Z, Liu X, Jin C, Zhang G, Gomez M, Hergovich A, Chen Z, He P, Gao X, Yao X.

Scientific Reports 2015 Jun; 5:10449.

Application: WB-Ce, Human, HeLa cells

Disease

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