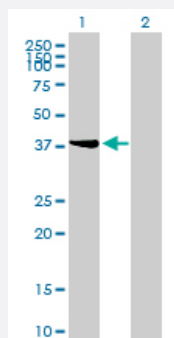


STYK1 monoclonal antibody (M01), clone 3A8

Catalog # H00055359-M01

Size 100 ug

Applications

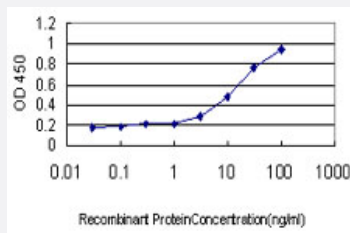


Western Blot (Transfected lysate)

Western Blot analysis of STYK1 expression in transfected 293T cell line by STYK1 monoclonal antibody (M01), clone 3A8.

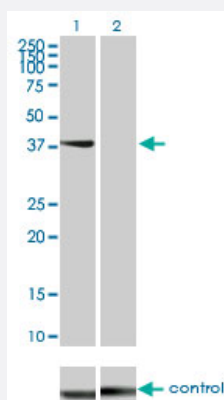
Lane 1: STYK1 transfected lysate (47.5 kDa).

Lane 2: Non-transfected lysate.



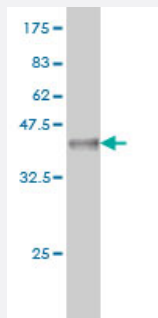
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STYK1 is approximately 0.3 ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of STYK1 over-expressed 293 cell line, cotransfected with STYK1 Validated Chimera RNAi (Cat # H00055359-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with STYK1 monoclonal antibody (M01), clone 3A8 (Cat # H00055359-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant STYK1.
Immunogen	STYK1 (NP_060893, 50 a.a. ~ 159 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	REQRTQQQRSGPQGIAPVPPRDLSWEAGHGGNVALPLKETSVENFLGATTPALAKLQVPREQLSEVLEQICSGSCGPIFRANMNTGDPSKPKSVILKALKEPAGLHEVQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Transfected lysate)

Western Blot analysis of STYK1 expression in transfected 293T cell line by STYK1 monoclonal antibody (M01), clone 3A8.

Lane 1: STYK1 transfected lysate(47.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STYK1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of STYK1 over-expressed 293 cell line, cotransfected with STYK1 Validated Chimera RNAi (Cat # H00055359-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with STYK1 monoclonal antibody (M01), clone 3A8 (Cat # H00055359-M01). GAPDH (36.1 kDa) used as specificity and loading control."

[Protocol Download](#)

Gene Info — STYK1

Entrez GeneID [55359](#)

GeneBank Accession# [NM_018423](#)

Protein Accession# [NP_060893](#)

Gene Name STYK1

Gene Alias DKFZp761P1010, NOK, SuRTK106

Gene Description serine/threonine/tyrosine kinase 1

Omim ID [611433](#)

Gene Ontology [Hyperlink](#)

Gene Summary Receptor protein tyrosine kinases, like STYK1, play important roles in diverse cellular and developmental processes, such as cell proliferation, differentiation, and survival (Liu et al., 2004 [PubMed d 15150103]).[supplied by OMIM]

Other Designations protein kinase STYK1

Disease

- [Kidney Failure](#)
- [Lymphoproliferative Disorders](#)
- [Myelodysplastic Syndromes](#)
- [Tobacco Use Disorder](#)