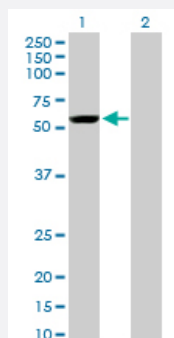


YES1 monoclonal antibody (M01), clone 2F4

Catalog # H00007525-M01

Size 100 ug

Applications

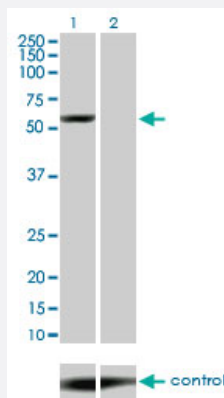


Western Blot (Transfected lysate)

Western Blot analysis of YES1 expression in transfected 293T cell line by YES1 monoclonal antibody (M01), clone 2F4.

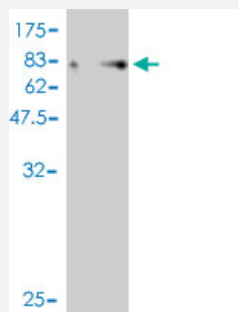
Lane 1: YES1 transfected lysate (59.84 kDa).

Lane 2: Non-transfected lysate.



RNAi Knockdown (Antibody validated)

Western blot analysis of YES1 over-expressed 293 cell line, cotransfected with YES1 Validated Chimera RNAi (Cat # H00007525-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with YES1 monoclonal antibody (M01) clone 2F4 (Cat # H00007525-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (85.58 kDa).

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant YES1.

Immunogen	YES1 (AAH48960, 1 a.a. ~ 543 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGCIKSKENKSPAICYRPENTPEPVSTSVSHYGAEP TTVSPCPSSSAKGTAVNFSSLSMTPFGGS SGVTPFGGASSSFVVPSSYPAGLTGGVTIFVALYDYEARTTEDLSFKKGERFQIINTEGDWWE ARSIATGKNGYIPSNYVAPADSIQAEWYFGKMGRKDAERLLLNPQNQRGIFLVRESETTKGAYSL SIRDWDEIRGDNVKHYKIRKLDNGGYITTRAQFDLQKLVKHYTEHADGLCHKLTTCPTVKPQTQ GLAKDAWEIPRESLRLEVKLGGGCFGEVWMGTWNGTTKVAIKTLKPGTMMPEAFLQEAQIMKKL RHDKLVPLYAVVSEEPYVTEFMSKGSLLDFLKEGDGKYLKLPQLVDMAAQIADGMAYIERMNYIH RDLRAANILVGENLVCKIADFGLARLIEDNEYTARQGAKFPIKWTAPEAALYGRFTIKSDVWSFGILQ TELVTKGRVPYPGMVNREVLEQVERGYRMPCPQGCPESLHELMNLCWKKDPDERPTFEYIQSFL EDYFTATEPQYQPGENL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (94)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (85.58 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 YES1 expression in transfected 293T cell line by YES1 monoclonal antibody (M01), clone 2F4.

Lane 1: YES1 transfected lysate(59.84 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of YES1 over-expressed 293 cell line, cotransfected with YES1 Validated Chimera RNAi (Cat # H00007525-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with YES1 monoclonal antibody (M01) clone 2F4 (Cat # H00007525-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — YES1

Entrez GeneID [7525](#)

GeneBank Accession# [BC048960](#)

Protein Accession# [AAH48960](#)

Gene Name YES1

Gene Alias HsT441, P61-YES, Yes, c-yes

Gene Description v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1

Omim ID [164880](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is the cellular homolog of the Yamaguchi sarcoma virus oncogene. The encoded protein has tyrosine kinase activity and belongs to the src family of proteins. This gene lies in close proximity to thymidylate synthase gene on chromosome 18, and a corresponding pseudogene has been found on chromosome 22. [provided by RefSeq]

Other Designations OTTHUMP00000162194|Yamaguchi sarcoma oncogene|cellular yes-1 protein|proto-oncogene tyrosine-protein kinase YES|viral oncogene yes-1 homolog 1

Pathway

- [Adherens junction](#)
- [Tight junction](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)

- [HIV Infections](#)