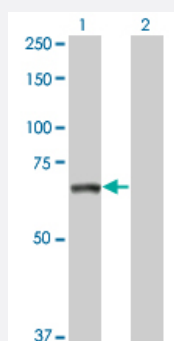


TNIK monoclonal antibody (M04), clone 1E4

Catalog # H00023043-M04

Size 100 ug

Applications

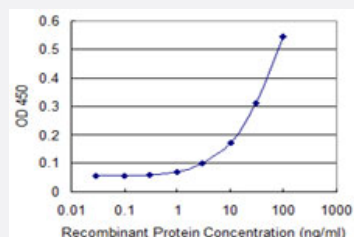


Western Blot (Transfected lysate)

Western Blot analysis of TNIK expression in transfected 293T cell line by TNIK monoclonal antibody (M04), clone 1E4.

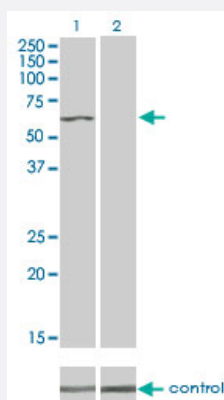
Lane 1: TNIK transfected lysate(60.3 kDa).

Lane 2: Non-transfected lysate.



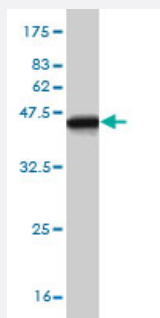
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TNIK is 1 ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of TNIK over-expressed 293 cell line, cotransfected with TNIK Validated Chimera RNAi (Cat # H00023043-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TNIK monoclonal antibody (M04) clone 1E4 (Cat # H00023043-M04). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TNIK.
Immunogen	TNIK (AAH55427, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MKKVTDYSSSSEESSESEEEEEEDGESETHDGTVAVSDIPRLIPTGAPGSNEQYNVGMVGTHGLE TSHADSFSGSISREGTLMIRETSGEKKRSGHSDSNGFAGHINLPDL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 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 TNIK expression in transfected 293T cell line by TNIK monoclonal antibody (M04), clone 1E4.

Lane 1: TNIK transfected lysate(60.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TNIK is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of TNIK over-expressed 293 cell line, cotransfected with TNIK Validated Chimera RNAi (Cat # H00023043-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TNIK monoclonal antibody (M04) clone 1E4 (Cat # H00023043-M04). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — TNIK

Entrez GeneID [23043](#)

GeneBank Accession# [BC055427](#)

Protein Accession# [AAH55427](#)

Gene Name TNIK

Gene Alias -

Gene Description TRAF2 and NCK interacting kinase

Omim ID [610005](#)

Gene Ontology [Hyperlink](#)

Gene Summary Germinal center kinases (GCKs), such as TNIK, are characterized by an N-terminal kinase domain and a C-terminal GCK domain that serves a regulatory function (Fu et al., 1999 [PubMed 10521462]).[supplied by OMIM]

Other Designations -

Disease

- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)