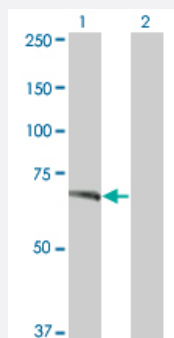


TNIK monoclonal antibody (M03), clone 3D4

Catalog # H00023043-M03

Size 100 ug

Applications

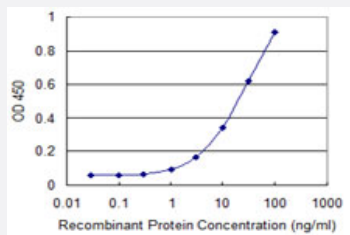


Western Blot (Transfected lysate)

Western Blot analysis of TNIK expression in transfected 293T cell line by TNIK monoclonal antibody (M03), clone 3D4.

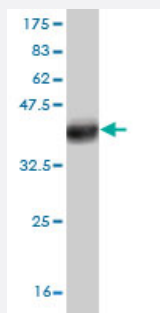
Lane 1: TNIK transfected lysate (60.3 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

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



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	MKKVTDYSSSSSEESSESSSEEEEEEDGESETHDGTVAVSDIPRLIPTGAPGSNEQYNVGMVGTHGLE 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 (M03), clone 3D4.

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 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

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	-

Publication Reference

- [TNIK INHIBITOR AND THE USE.](#)

Yamada, Tesshi; Shitashige, Miki; Yokota, Koichi; Sawa, Masaaki; Moriyama, Hideki.

United States Patent Application 2010 Jun; US 20100137386A1.

Application: IF, IP, WB, Human, DLD-1, HCT-116, HEK 293, HeLa cells

- [The kinase TNIK is an essential activator of Wnt target genes.](#)

Mahmoudi T, Li VS, Ng SS, Taouatas N, Vries RG, Mohammed S, Heck AJ, Clevers H.

The EMBO Journal 2009 Nov; 28(21):3329.

Application: IHC-P, Human, Mouse, Colon, Intestinal crypt, Small intestine

Disease

- [Genetic Predisposition to Disease](#)

- [Schizophrenia](#)

- [Tobacco Use Disorder](#)