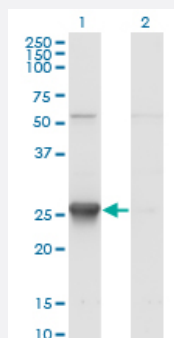


TK1 monoclonal antibody (M12), clone 3A8

Catalog # H00007083-M12

Size 100 ug

Applications

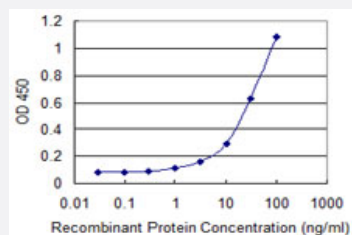


Western Blot (Transfected lysate)

Western Blot analysis of TK1 expression in transfected 293T cell line by TK1 monoclonal antibody (M12), clone 3A8.

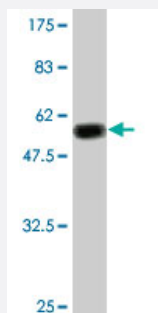
Lane 1: TK1 transfected lysate (25.5 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TK1 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (51.48 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant TK1.

Immunogen	TK1 (AAH07986.1, 1 a.a. ~ 234 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSCINLPTVLPGSPSKTRGQIQVILGPMFSGKSTELMRRVRRFQIAQYKCLVIKYAKDTRYSSSFCT HDRNTMEALPACLLRDVAQEALGVAVIGIDEGQFFPDIVEFCEAMANAGKTVMAALDGTFRKPF GAILNLVPLAESVVKLTAVCMECFREAAAYTKRLGTEKEVEVIGGADKYHSVCRLCYFKKASGQPA GPDNKENCVPVPGKPGEAVAARKLFAPQQILQCSPAN
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (51.48 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 TK1 expression in transfected 293T cell line by TK1 monoclonal antibody (M12), clone 3A8.

Lane 1: TK1 transfected lysate(25.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TK1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TK1

Entrez GeneID

[7083](#)

GeneBank Accession#	BC007986
Protein Accession#	AAH07986.1
Gene Name	TK1
Gene Alias	TK2
Gene Description	thymidine kinase 1, soluble
Omim ID	188300
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	thymidine kinase 1 soluble isoform thymidine kinase-1

Pathway

- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Pyrimidine metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)