

AK3 monoclonal antibody (M01), clone 1D2

Catalog # : H00050808-M01

規格 : [100 ug]

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Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant AK3.

Immunogen: AK3 (NP_057366, 25 a.a. ~ 86 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

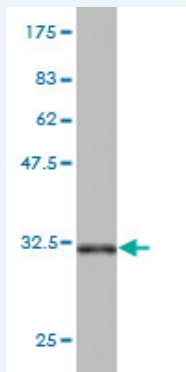
Sequence: SRITTHFELKHLSSGDLLRDNMLRGTEIGVLAKAFIDQGKLI PDDVMTRLA LHELKNL TQYS

Host: Mouse

Reactivity: Human

Isotype: IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (32.56 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

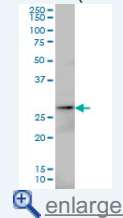
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

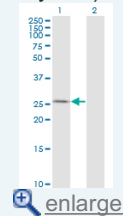
Application Image

Western Blot (Cell lysate)



[enlarge](#)

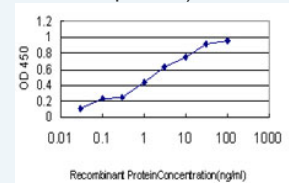
Western Blot (Transfected lysate)



[enlarge](#)

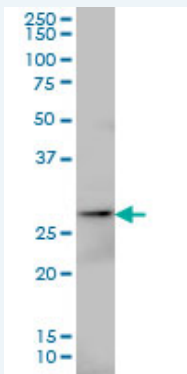
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

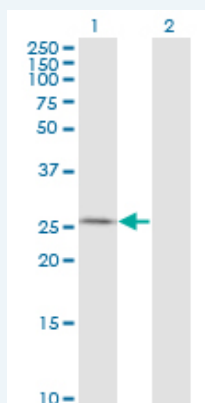
ELISA



AK3 monoclonal antibody (M01), clone 1D2 Western Blot analysis of AK3 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of AK3 expression in transfected 293T cell line by AK3 monoclonal antibody (M01), clone 1D2.

Lane 1: AK3 transfected lysate(25.6 KDa).

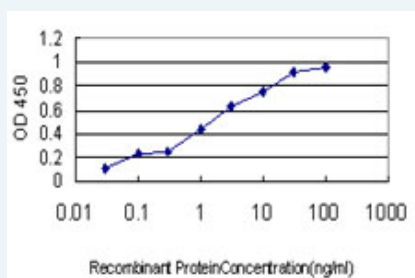
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged AK3 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [50808](#)

GeneBank [NM_016282](#)
Accession#:

Protein [NP_057366](#)
Accession#:

Gene Name: AK3

Gene Alias: AK3L1,AK6,AKL3L,AKL3L1,FIX

Gene Description: adenylate kinase 3

Omim ID: [609290](#)

Gene Ontology: [Hyperlink](#)

Other Designations: OTTHUMP00000021016,adenylate kinase 3 alpha like,adenylate kinase 3 like 1,adenylate kinase 6, adenylate kinase 3 like 1

Gene Pathway

[Pyrimidine metabolism](#)

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