

Datasheet for ABIN565498

anti-Adenylate Kinase 3 antibody (AA 25-86)**4** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Adenylate Kinase 3 (AK3)
Binding Specificity:	AA 25-86
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Adenylate Kinase 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	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:	SRITTHFELK HLSSGDLLRD NMLRGTEIGV LAKAFIDQGK LIPDDVMTRL ALHELKNLTQ YS
Clone:	1D2
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Adenylate Kinase 3 (AK3)
Alternative Name:	AK3 (AK3 Products)
Background:	Full Gene Name: adenylate kinase 3 Synonyms: AK3L1,AK6,AKL3L,AKL3L1,FIX
Gene ID:	50808
NCBI Accession:	NM_016282
Pathways:	Nucleotide Phosphorylation , Ribonucleoside Biosynthetic Process

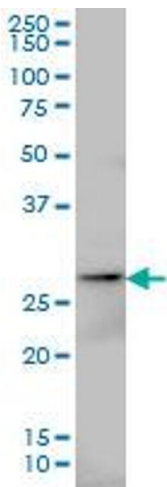
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

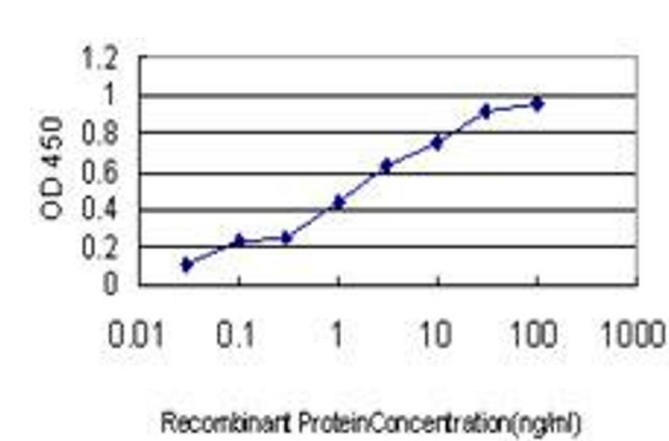
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



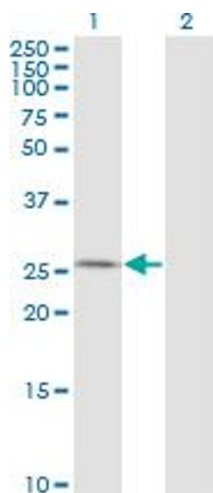
Western Blotting

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



ELISA

Image 2. Detection limit for recombinant GST tagged AK3 is approximately 0.03ng/ml as a capture antibody.



Western Blotting

Image 3. 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.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN565498.