

Datasheet for ABIN2715740  
**anti-Adenylate Kinase 3 antibody**



[Go to Product page](#)

**3** Images

### Overview

Quantity:	0.1 mL
Target:	Adenylate Kinase 3 (AK3)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Adenylate Kinase 3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)

### Product Details

Immunogen:	Full length human recombinant protein of human AK3 (NP_057336) produced in HEK293T cell.
Clone:	3G1
Isotype:	IgG1
Purification:	Purified from mouse ascites fluids by affinity chromatography

### Target Details

Target:	Adenylate Kinase 3 (AK3)
Alternative Name:	AK3 ( <a href="#">AK3 Products</a> )
Molecular Weight:	25.4 kDa
Gene ID:	50808
NCBI Accession:	<a href="#">NM_016282</a>

## Target Details

HGNC: 50808

Pathways: [Nucleotide Phosphorylation, Ribonucleoside Biosynthetic Process](#)

## Application Details

Application Notes: WB 1:2000, IF 1:100, FLOW 1:100

Comment: The concentration of the product may vary between diferrent lots.

Restrictions: For Research Use only

## Handling

Format: Liquid

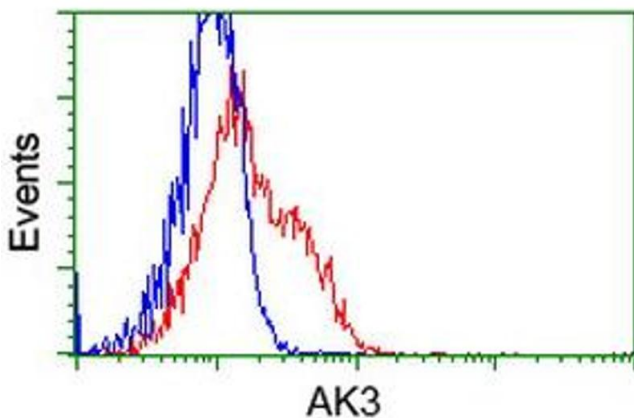
Concentration: 0.5-1.0 mg/mL

Buffer: PBS (PH 7.3) containing 1 % BSA, 50 % glycerol and 0.02 % sodium azide.

Preservative: Sodium azide

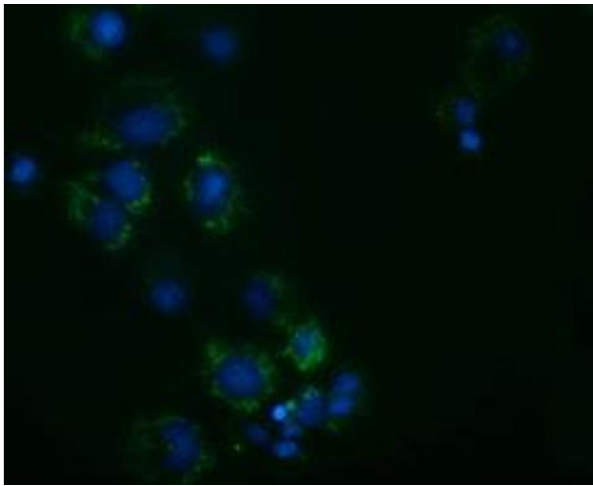
Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Images



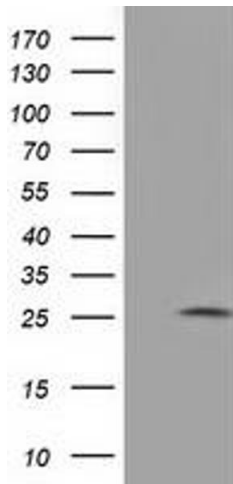
### Flow Cytometry

**Image 1.** HEK293T cells transfected with either RC204408 overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-AK3 antibody (ABIN2452718), and then analyzed by flow cytometry.



### Immunofluorescence

**Image 2.** Anti-AK3 mouse monoclonal antibody (ABIN2452718) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY AK3 (RC204408).



### Western Blotting

**Image 3.** HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AK3 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5  $\mu$ g per lane) were separated by SDS-PAGE and immunoblotted with anti-AK3.