



Anti-AK3 monoclonal antibody, clone 7E7 (DCABH-902)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to AK3
Antigen Description	The protein encoded by this gene is a GTP:ATP phosphotransferase that is found in the mitochondrial matrix. Several transcript variants encoding a few different isoforms have been found for this gene.
Immunogen	Recombinant full length Human AK3 produced in HEK293T cell (NP_057336)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat, Dog, Human, Monkey
Clone	7E7
Purification	Purified from mouse ascites fluids
Conjugate	Unconjugated
Applications	WB
Positive Control	Transfected HEK293T cell lysate, HepG2, Jurkat, PC12, MCF7, MDCK, COS7, HT29, A549 and Hela lysates
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA

Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	AK3 adenylate kinase 3 [Homo sapiens]
Official Symbol	AK3
Synonyms	AK3; adenylate kinase 3; adenylate kinase 3 like 1 , adenylate kinase 6 , AK3L1, AK6; GTP:AMP phosphotransferase, mitochondrial; AKL3L1; adenylate kinase 3 alpha-like 1; adenylate kinase 6, adenylate kinase 3 like 1; AK6; FIX; AK3L1; AKL3L;
Entrez Gene ID	50808
Protein Refseq	NP_001186781
UniProt ID	Q7Z4Y4
Chromosome Location	9p24.1
Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem;
Function	ATP binding; GTP binding; adenylate kinase activity; identical protein binding; nucleobase-containing compound kinase activity; nucleoside triphosphate adenylate kinase activity; nucleotide binding; transferase activity;