

Product datasheet for **CF501833**

AK3 Mouse Monoclonal Antibody [Clone ID: OTI6D6]

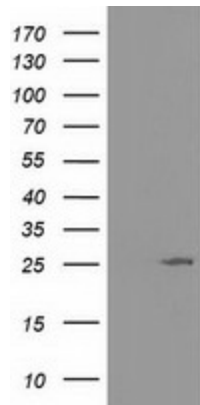
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI6D6
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human, Dog, Rat, Monkey, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human AK3 (NP_057336) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25.4 kDa
Gene Name:	adenylate kinase 3
Database Link:	NP_057366 Entrez Gene 26956 Rat Entrez Gene 56248 Mouse Entrez Gene 476342 Dog Entrez Gene 694714 Monkey Entrez Gene 50808 Human Q9UIJ7
Synonyms:	AK3L1; AK6; AKL3L; AKL3L1; FIX

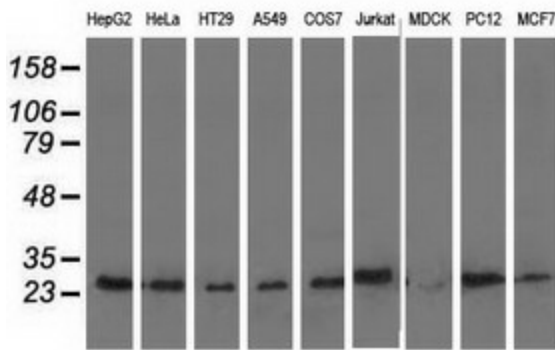


[View online »](#)

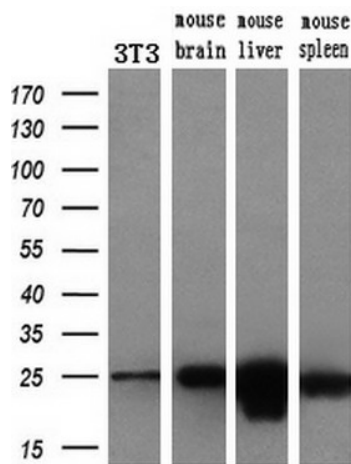
Protein Families: Druggable Genome
 Protein Pathways: Pyrimidine metabolism

Product images:


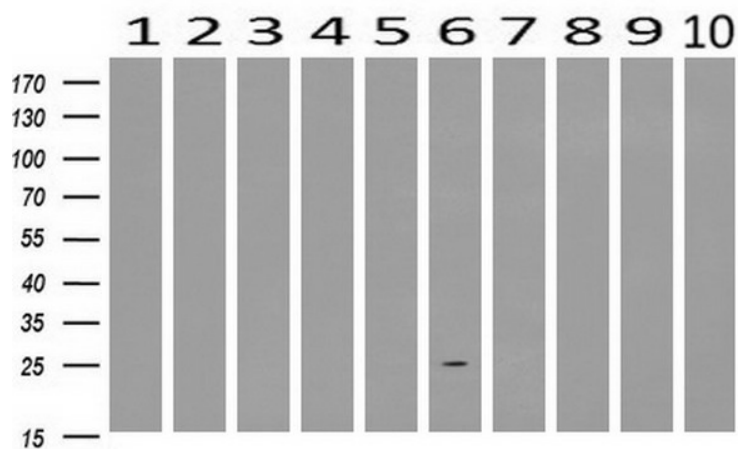
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AK3 ([RC204408], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AK3. Positive lysates [LY414079] (100ug) and [LC414079] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-AK3 monoclonal antibody.



Western blot analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti-AK3 monoclonal antibody (1:200).



Western blot analysis of extracts (10ug) from 10 Human tissue by using anti-AK3 monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon;10: spleen).