

## Product datasheet for **TA501888**

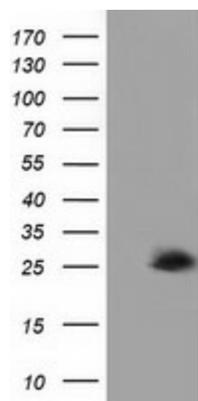
### AK3 Mouse Monoclonal Antibody [Clone ID: OTI4C4]

#### Product data:

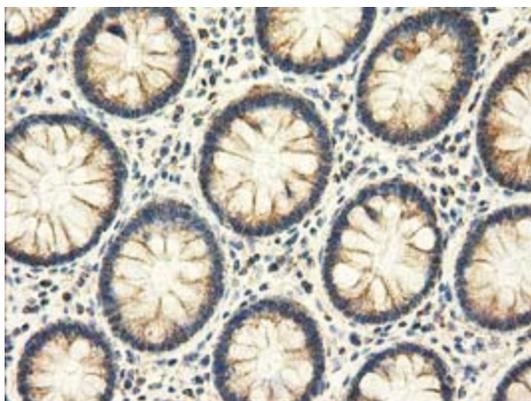
Product Type:	Primary Antibodies
Clone Name:	OTI4C4
Applications:	FC, IHC, WB
Recommend Dilution:	WB 1:500~2000, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human AK3 (NP_057336) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	25.4 kDa
Gene Name:	adenylate kinase 3
Database Link:	<a href="#">NP_057366</a> <a href="#">Entrez Gene 50808 Human</a>
Synonyms:	AK3L1; AK6; AKL3L; AKL3L1; FIX
Protein Families:	Druggable Genome
Protein Pathways:	Pyrimidine metabolism



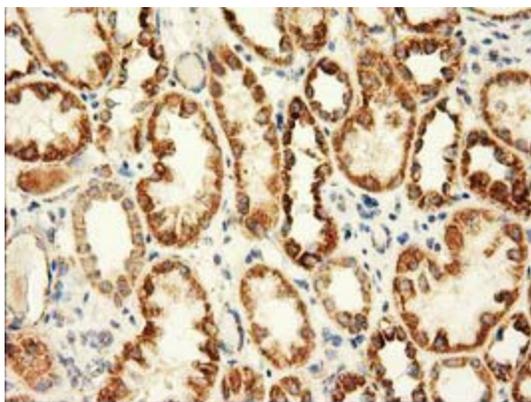
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**Product images:**

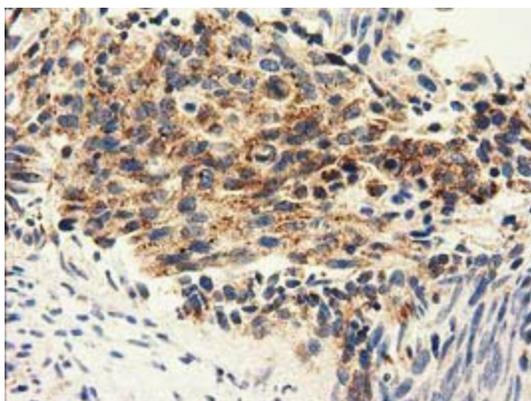
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AK3 ([RC204408], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AK3. Positive lysates [LY414079] (100ug) and [LC414079]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



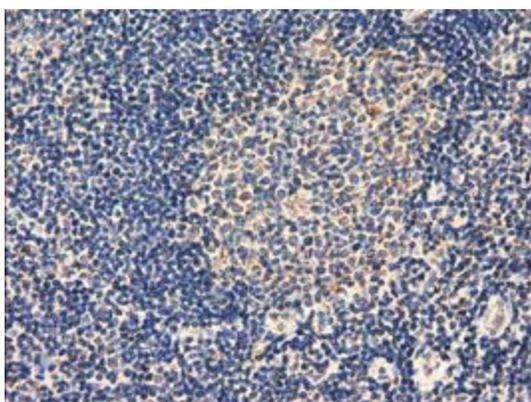
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-AK3 mouse monoclonal antibody. (TA501888)



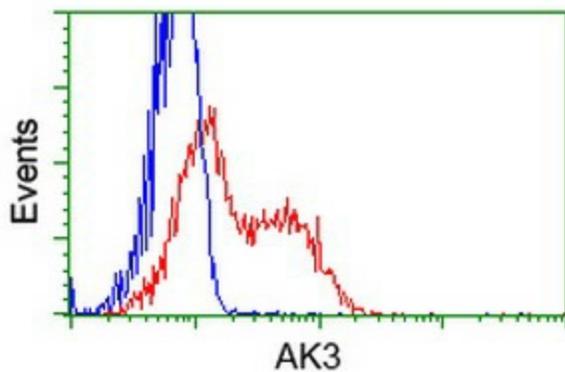
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-AK3 mouse monoclonal antibody. (TA501888)



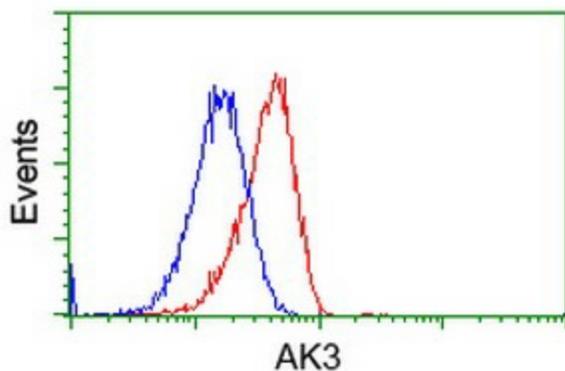
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-AK3 mouse monoclonal antibody. (TA501888)



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-AK3 mouse monoclonal antibody. (TA501888)



HEK293T cells transfected with either [RC204408] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-AK3 antibody (TA501888), and then analyzed by flow cytometry.



Flow cytometric Analysis of HeLa cells, using anti-AK3 antibody (TA501888), (Red), compared to a nonspecific negative control antibody ([TA50011]), (Blue).