

Anti-AK3L1 (AK4) Mouse Monoclonal Antibody [Clone ID: OTI3B1]

Catalog Number: M07383

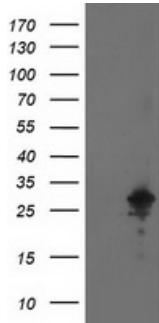
Overview

Product Name	Anti-AK3L1 (AK4) Mouse Monoclonal Antibody [Clone ID: OTI3B1]
Reactive Species	Dog, Human, Monkey, Mouse, Rat
Description	Boster Bio AK4 mouse monoclonal antibody, clone OTI3B1 (formerly 3B1). Catalog# M07383. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Monkey, Mouse, Rat, Dog.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI3B1
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	P27144

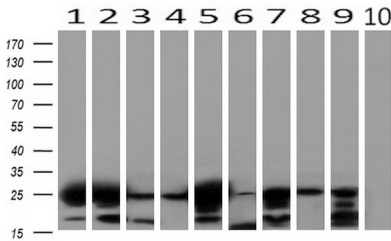
Technical Details

Immunogen	Full length human recombinant protein of human AK4 (NP_037542) produced in HEK293 cell.
Isotype	IgG1
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:500~2000 IHC 1:150 IF 1:100 Flow Cytometry 1:100

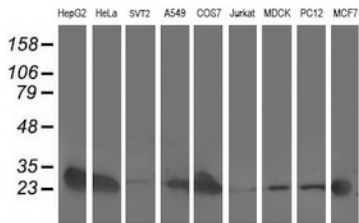
Anti-AK3L1 (AK4) Mouse Monoclonal Antibody [Clone ID: OTI3B1] (M07383) Images



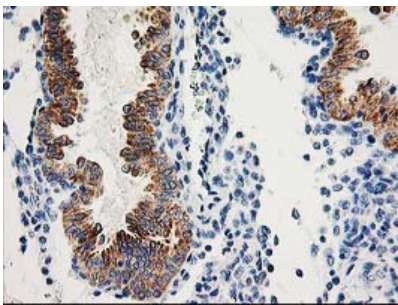
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AK4 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AK4.



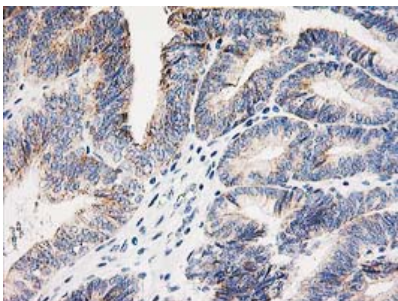
Western blot analysis of extracts (10ug) from 10 Human tissue by using anti-AK4 monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon; 10: spleen).



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-AK4 monoclonal antibody.

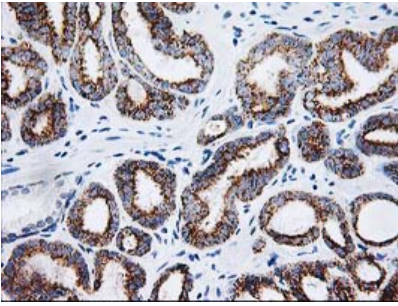


Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-AK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

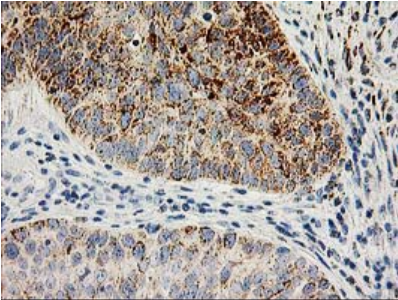


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-AK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

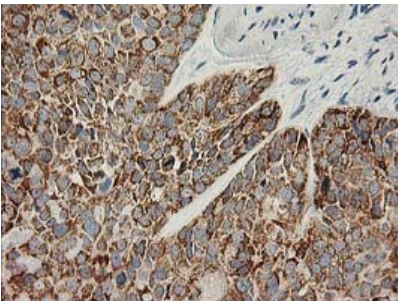
Immunohistochemical staining of paraffin-embedded



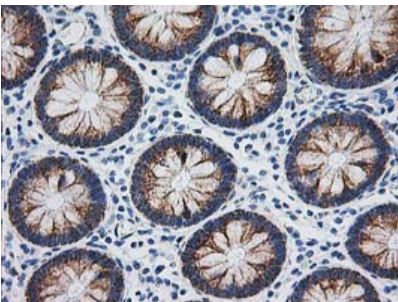
Carcinoma of Human prostate tissue using anti-AK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



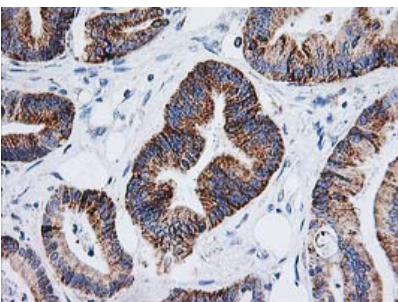
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-AK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-AK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

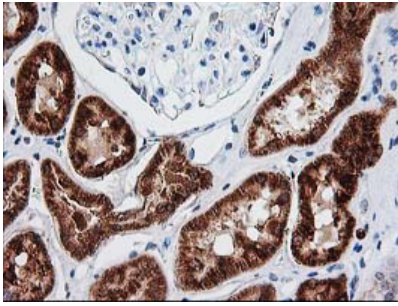


Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-AK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

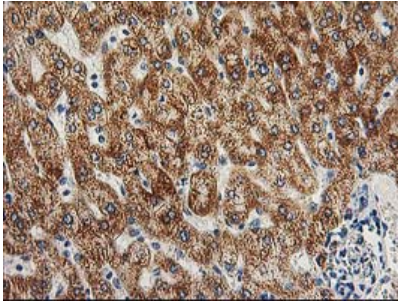


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-AK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

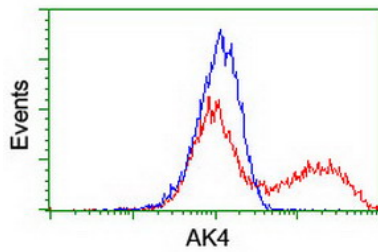
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-AK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by



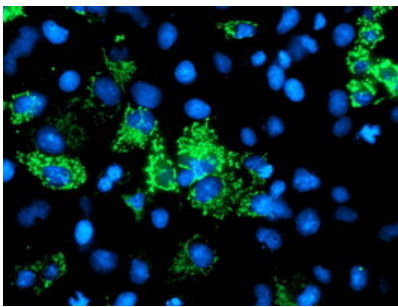
10mM citric buffer



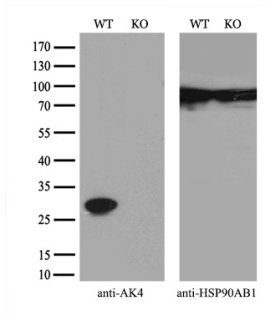
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-AK4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



HEK293T cells transfected with either AK4 (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-AK4 antibody (M07383)



Anti-AK4 mouse monoclonal antibody (M07383) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY AK4.



Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT) and AK4-Knockout HeLa cells (KO) were separated by SDS-PAGE and immunoblotted with anti-AK4 monoclonal antibody M07383 (1:500). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.

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Anti-AK3L1 (AK4) Mouse Monoclonal Antibody [Clone ID: OT13B1]

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