

## Anti-Guanylate kinase (GUK1) Mouse Monoclonal Antibody [Clone ID: OTI4A8]

Catalog Number: M10275

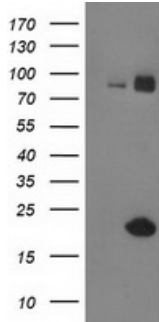
### Overview

Product Name	Anti-Guanylate kinase (GUK1) Mouse Monoclonal Antibody [Clone ID: OTI4A8]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio GUK1 (Guanylate Kinase 1) mouse monoclonal antibody, clone OTI4A8 (formerly 4A8). Catalog# M10275. Tested in FC, IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IHC, WB
Clonality	Monoclonal OTI4A8
Formulation	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	Q16774

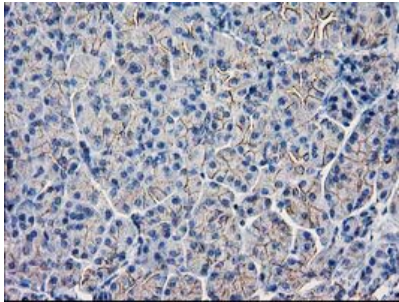
### Technical Details

Immunogen	Full length human recombinant protein of human GUK1 (NP_000849) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.47 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

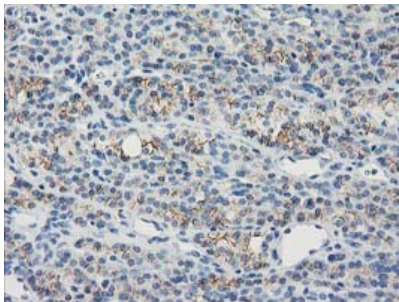
## Anti-Guanylate kinase (GUK1) Mouse Monoclonal Antibody [Clone ID: OTI4A8] (M10275) Images



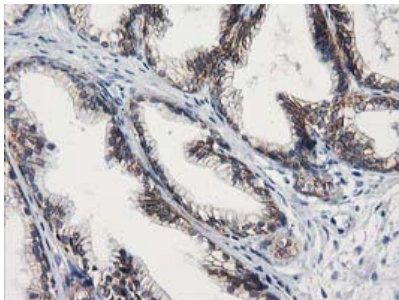
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GUK1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GUK1.



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-GUK1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

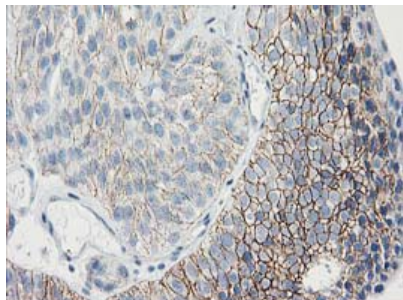
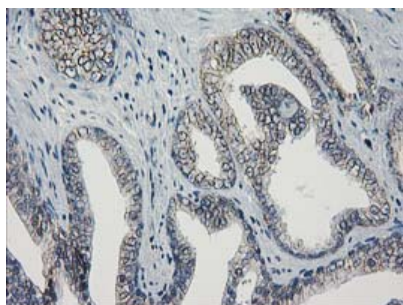


Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-GUK1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

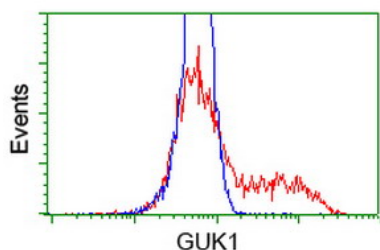


Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-GUK1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

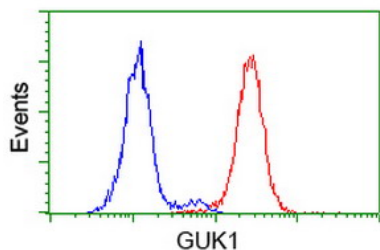
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-GUK1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



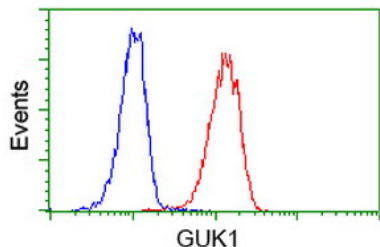
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-GUK1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



HEK293T cells transfected with either GUK1 (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-GUK1 antibody (M10275)



Flow cytometric Analysis of Hela cells



Flow cytometric Analysis of Jurkat cells

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