

## Anti-PANK2 Mouse Monoclonal Antibody [Clone ID: OTI3H9]

Catalog Number: M02776

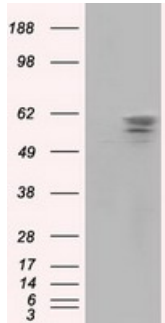
### Overview

Product Name	Anti-PANK2 Mouse Monoclonal Antibody [Clone ID: OTI3H9]
Reactive Species	Dog, Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-PANK2 mouse monoclonal antibody, clone OTI3H9 (formerly 3H9). Catalog# M02776. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Monkey, Mouse, Rat, Dog.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI3H9
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	Q9BZ23

### Technical Details

Immunogen	Full length human recombinant protein of human PANK2 (NP_705902) produced in HEK293T cell.
Isotype	IgG2a
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:1000~2000 IHC 1:50 IF 1:100 Flow Cytometry 1:100

## Anti-PANK2 Mouse Monoclonal Antibody [Clone ID: OTI3H9] (M02776) Images



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PANK2 (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-PANK2.

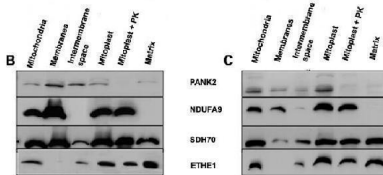
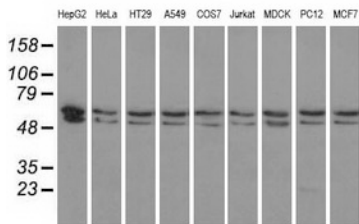
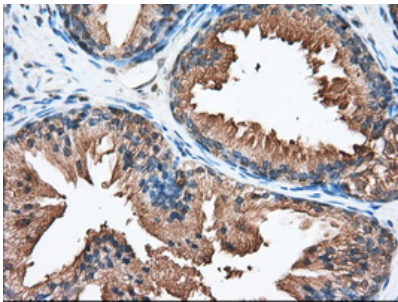


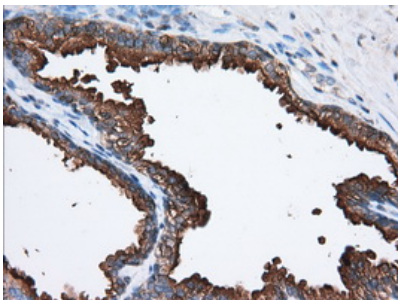
Figure from citation: Western Blot of PANK2 protein level by using anti-PANK2 antibody in different mitochondrial compartments isolated from WT mouse brain and WT mouse fibroblasts. Dilution: 1:2000



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PANK2 monoclonal antibody.

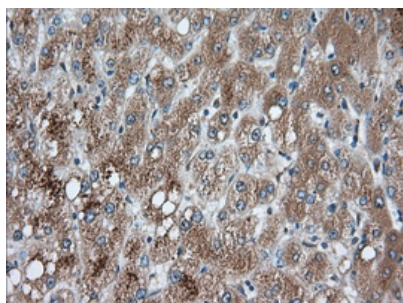


Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-PANK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

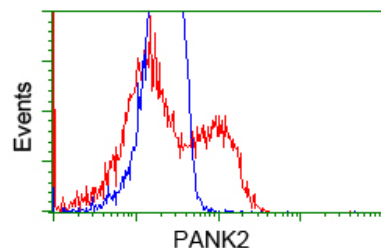


Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-PANK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

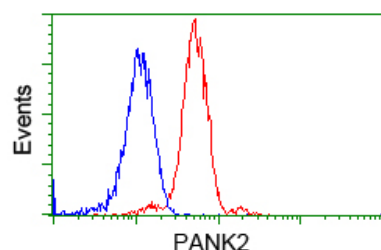
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-PANK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by



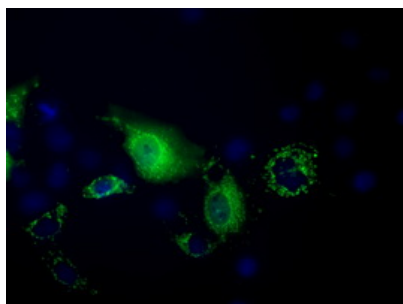
10mM citric buffer



HEK293T cells transfected with either PANK2 (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PANK2 antibody (M02776)



Flow cytometric Analysis of Jurkat cells



Anti-PANK2 mouse monoclonal antibody (M02776) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PANK2.

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