

Anti-Aquaporin 1 (AQP1) Mouse Monoclonal Antibody [Clone ID: OTI2D10]

Catalog Number: M00865-1

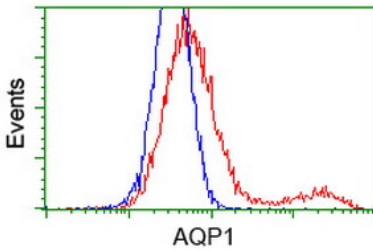
Overview

Product Name	Anti-Aquaporin 1 (AQP1) Mouse Monoclonal Antibody [Clone ID: OTI2D10]
Reactive Species	Human
Description	Boster Bio AQP1 (Aquaporin 1) mouse monoclonal antibody, clone OTI2D10 (formerly 2D10). Catalog# M00865-1. Tested in FC, IF, IHC, WB. This antibody reacts with Human.
Conjugate	Unconjugated
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI2D10
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 for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P29972

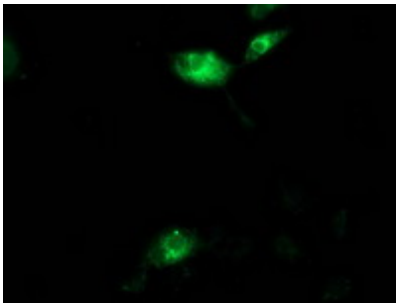
Technical Details

Immunogen	Full length human recombinant protein of human AQP1 (NP_932766) 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	WB 1:2000 IHC 1:150 IF 1:100 Flow Cytometry 1:100

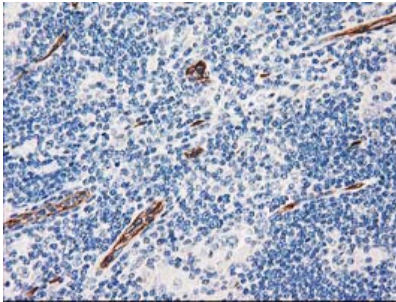
Anti-Aquaporin 1 (AQP1) Mouse Monoclonal Antibody [Clone ID: OTI2D10] (M00865-1) Images



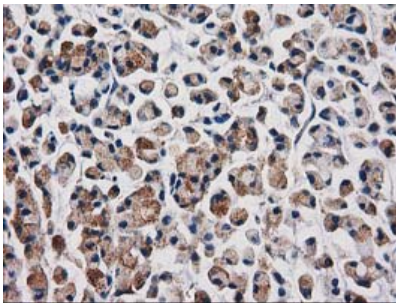
HEK293T cells transfected with either AQP1 (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-AQP1 antibody (M00865-1)



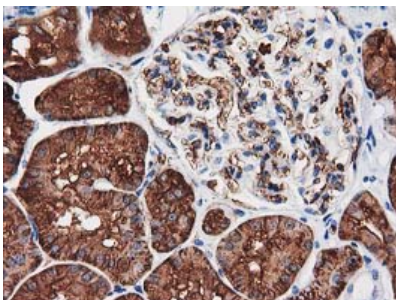
Anti-AQP1 mouse monoclonal antibody (M00865-1) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY AQP1.



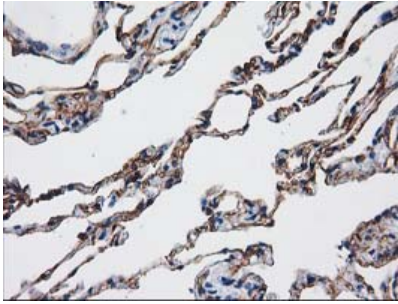
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-AQP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



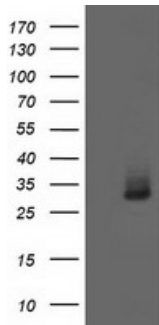
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-AQP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-AQP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-AQP1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AQP1 (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-AQP1.

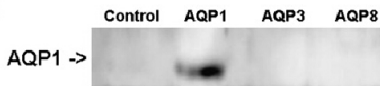
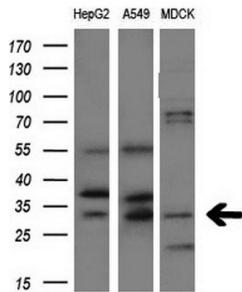


Figure from citation: Western Blot of AQP1 protein level by using anti-AQP1 antibody in human B1647 cells.



Western blot analysis of extracts (10ug) from 3 different cell lines by using anti-AQP1 monoclonal antibody at 1:200 dilution.

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