

# Product Datasheet

## Aquaporin 1/AQP1 Antibody (OTI2D10) NBP2-03568

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-03568****Aquaporin 1/AQP1 Antibody (OTI2D10)**

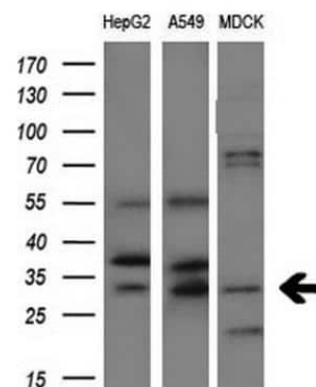
Product Information	
Unit Size	0.1 ml
Concentration	0.47 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2D10
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	28.3 kDa

Product Description	
Host	Mouse
Gene ID	358
Gene Symbol	AQP1
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human AQP1 (NP_932766) produced in HEK293T cell.

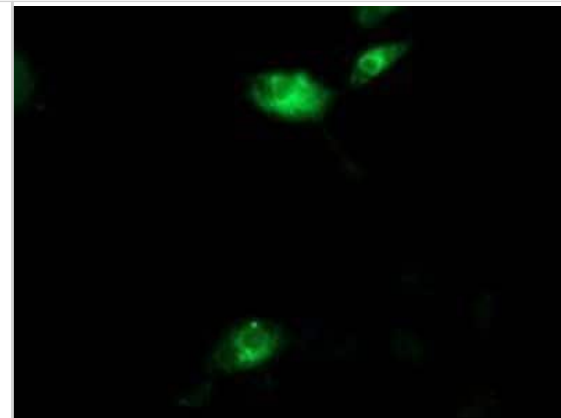
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

**Images**

Western Blot: Aquaporin 1/AQP1 Antibody (OTI2D10) [NBP2-03568] - Analysis of extracts (10ug) from 3 different cell lines by using anti-AQP1 monoclonal antibody at 1:200 dilution.



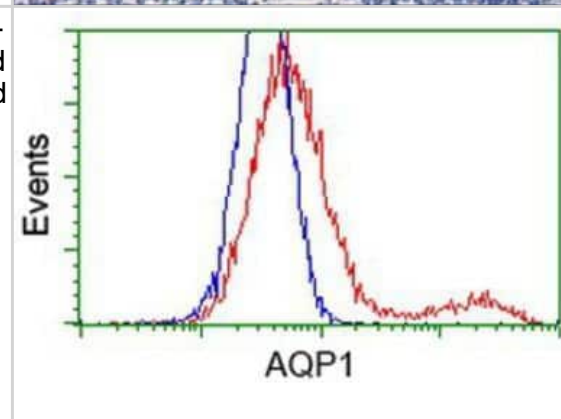
Immunocytochemistry/Immunofluorescence: Aquaporin 1/AQP1 Antibody (OTI2D10) [NBP2-03568] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Aquaporin-1.



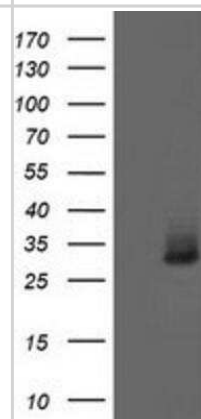
Immunohistochemistry-Paraffin: Aquaporin 1/AQP1 Antibody (OTI2D10) [NBP2-03568] - Staining of paraffin-embedded Human lymphoma tissue using anti-Aquaporin-1 mouse monoclonal antibody.



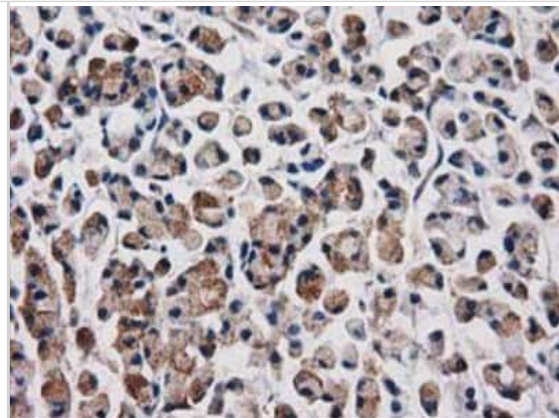
Flow Cytometry: Aquaporin 1/AQP1 Antibody (OTI2D10) [NBP2-03568] - Aquaporin-1 Antibody (2D10) [NBP2-03568] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Aquaporin-1 antibody, and then analyzed by flow cytometry.



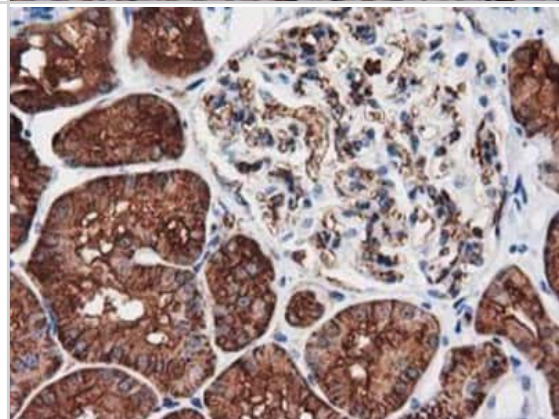
Western Blot: Aquaporin 1/AQP1 Antibody (OTI2D10) [NBP2-03568] - Aquaporin-1 Antibody (2D10) [NBP2-03568] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Aquaporin-1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Aquaporin-1.



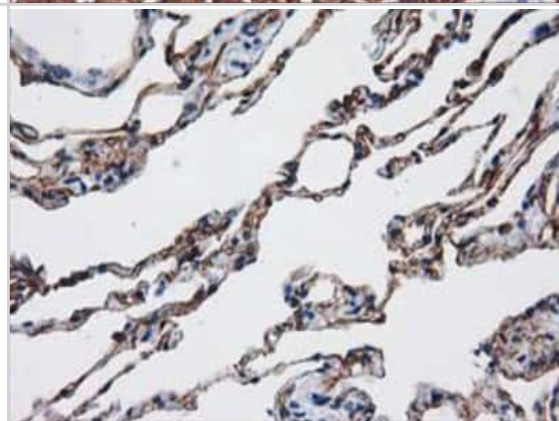
Immunohistochemistry-Paraffin: Aquaporin 1/AQP1 Antibody (OTI2D10) [NBP2-03568] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-Aquaporin-1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Aquaporin 1/AQP1 Antibody (OTI2D10) [NBP2-03568] - Staining of paraffin-embedded Human Kidney tissue using anti-Aquaporin-1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Aquaporin 1/AQP1 Antibody (OTI2D10) [NBP2-03568] - Staining of paraffin-embedded Human lung tissue using anti-Aquaporin-1 mouse monoclonal antibody.



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**Products Related to NBP2-03568**

NB820-60575	Human Brain Cerebral Meninges Membrane Tissue Lysate (Adult Membrane Normal)
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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