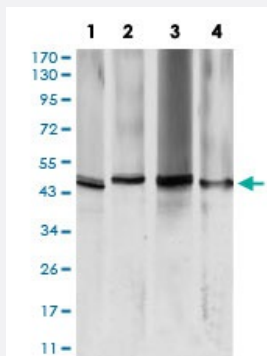


AQP2 monoclonal antibody, clone 7H8B5

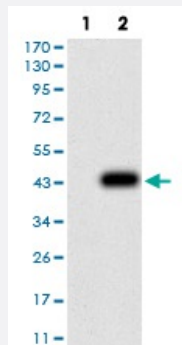
Catalog # MAB17579 Size 100 ug

Applications



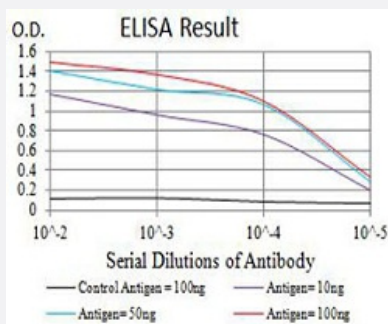
Western Blot (Cell lysate)

Western blot analysis of (1) K562 cell, (2) HeLa cell, (3) HCT116 cell, (4) SW480 cell with AQP2 monoclonal antibody.



Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) AQP2-hlgGfc transfected HEK293 cell lysate.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of AQP2 monoclonal antibody, clone 7H8B5.

Specification

Product Description

Mouse monoclonal antibody raised against recombinant human AQP2.

Immunogen	Recombinant protein corresponding to amino acid 149-271 of human AQP2 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	28.8
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunocytochemistry Flow Cytometry Immunohistochemistry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of (1) K562 cell, (2) HeLa cell, (3) HCT116 cell, (4) SW480 cell with AQP2 monoclonal antibody.

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) AQP2-hlgGfc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of AQP2 monoclonal antibody, clone 7H8B5.

Gene Info — AQP2

Entrez GeneID	359
Gene Name	AQP2
Gene Alias	AQP-CD, MGC34501, WCH-CD

Gene Description	aquaporin 2 (collecting duct)
Omim ID	107777 125800
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a water channel protein located in the kidney collecting tubule. It belongs to the MIP/aquaporin family, some members of which are clustered together on chromosome 12q13. Mutations in this gene have been linked to autosomal dominant and recessive forms of nephrogenic diabetes insipidus. [provided by RefSeq]
Other Designations	aquaporin 2 aquaporin-CD collecting duct water channel protein water-channel aquaporin 2

Disease

- [Chorioamnionitis](#)
- [Diabetes Mellitus](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Tobacco Use Disorder](#)
- [Venous Thrombosis](#)