
Product Name: AQP2 Mouse Monoclonal Antibody**Catalog #: AMM81941**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000
Molecular Weight	28.8kDa

Antigen Information

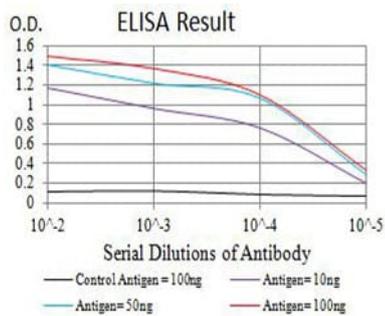
Gene Name	AQP2
Alternative Names	AQP-CD; WCH-CD
Gene ID	359.0
SwissProt ID	P41181
Immunogen	Purified recombinant fragment of human AQP2 (AA: 149-271) expressed in E. Coli.

Background

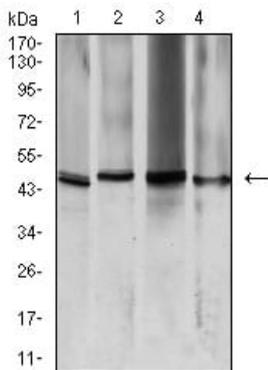
This gene encodes a water channel protein located in the kidney collecting tubule. It belongs to the MIP/aquaporin family, some members of which are clustered together on chromosome 12q13. Mutations in this gene have been linked to autosomal dominant and recessive forms of nephrogenic diabetes insipidus.

Research Area

Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using AQP2 mouse mAb against K562 (1), HeLa (2), HCT116 (3), and SW480 (4) cell lysate.