

Mouse Monoclonal Antibody to AQP2

Catalogue Number	sAP-1641
Target Molecule	Name: AQP2 Aliases: AQP-CD; WCH-CD MW: 28.8kDa Entrez Gene ID: 359
Description	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.
Immunogen	Purified recombinant fragment of human AQP2 (AA: 149-271) expressed in E. Coli.
Recitative Species	Human;
Clone	MM5B6B12
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: N to A; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Reprod Fertil Dev. 2016 Mar;28(4):499-506.2.J Transl Med. 2014 May 19;12:133.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**