

Recombinant

DGRmAb®

AQP4 (DGR36038) Rabbit mAb (PBS Only)

db16273-PBS

Package : 100µg

Product Name : AQP4 (DGR36038) Rabbit mAb (PBS Only)**Cat.No.:** db16273-PBS**Synonyms** : MWC; MLC4; WCH4; hAQP4**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a member of the aquaporin family of intrinsic membrane proteins that function as water-selective channels in the plasma membranes of many cells. This protein is the predominant aquaporin found in brain and has an important role in brain water homeostasis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. Additional isoforms, resulting from the use of alternative in-frame translation initiation codons, have also been described. Recent studies provided evidence for translational readthrough in this gene, and expression of C-terminally extended isoforms via the use of an alternative in-frame translation termination codon. [provided by RefSeq, Jun 2018]

Immunogen

A synthetic peptide of human AQP4

Gene ID

361

Swiss Prot

P55087

Synonyms

MWC; MLC4; WCH4; hAQP4

Reactivity

Human

Application

WB, IHC-P, ICC/IF

Recommended dilutionWB: 1:1000
IHC-P: 1:500-1:2000**Calculated MW**

35 kDa

Observed MW

28 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR36038

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.