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Product Datasheet

Aquaporin 4 monoclonal antibody, Unconjugated, Mouse BWT-MB65876

Article Name	Aquaporin 4 monoclonal antibody, Unconjugated, Mouse
Biozol Catalog Number	BWT-MB65876
Supplier Catalog Number	MB65876
Alternative Catalog Number	BWT-MB65876-50UL,BWT-MB65876-100UL
Manufacturer	Bioworld Technology
Host	Mouse
Category	Antikörper
Application	IF, IHC, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human Aquaporin 4. The exact sequence is proprietary.
Conjugation	Unconjugated
Product Description	Forms a water-specific channel (PubMed:7559426, PubMed:8601457, PubMed:19383790). Plays an important role in brain water homeostasis and in glymphatic solute transport. Required for a normal rate of water exchange across the blood brain interface. Re...
Molecular Weight	~ 46 kDa
UniProt	P55087
Purity	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Application Dilute	WB (1/1000 - 1/3000), IHC (1/100 - 1/200), IF/ICC (1/100 - 1/200)
Application Notes	Recognizes endogenous levels of Aquaporin 4 protein.