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## Product Datasheet

### **Aquaporin 4 (AQP4) Antibody, IgG1, Clone: [AQP4/3324], Mouse, Monoclonal NBT-361-MSM4-P1ABX**

Article Name	Aquaporin 4 (AQP4) Antibody, IgG1, Clone: [AQP4/3324], Mouse, Monoclonal
Biozol Catalog Number	NBT-361-MSM4-P1ABX
Supplier Catalog Number	361-MSM4-P1ABX
Alternative Catalog Number	NBT-361-MSM4-P1ABX-100
Manufacturer	NeoBiotechnologies
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Human recombinant AQP4 protein fragment (around aa200-323) (exact sequence is proprietary)
Product Description	In skeletal muscle, AQP4 (aquaporin 4 also known as mercurial insensitive water channel), localizes to the sarcolemma of fast-twitch muscle fibers. Aquaporins (AQPs) are a large family of integral membrane water transport channel proteins that facili...
Clonality	Monoclonal
Clone Designation	[AQP4/3324]
Molecular Weight	34kDa
Isotype	IgG1

NCBI	361
UniProt	P55087
Form	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Antibody Type	Monoclonal Antibody
Application Notes	Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 &degC followed by cooling at RT for 20 minutes),Optimal diluti