

Manufacturer/Supplier:

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Product name: Mouse anti-Aquaporin 4 Antibody

Catalog: DL95449A

Synonyms: Aquaporin-4; AQP-4; Mercurial-insensitive water channel; MIWC; WCH4

Immunogen: KLH-conjugated synthetic peptide encompassing a sequence of human Aquaporin 4. The exact sequence is proprietary.

Form: Liquid

Concentration: 1mg/mL

Size: 100 ul/50 ul

Host: Mouse

Reactivity: Human, Mouse, Rat

Application: WB, IHC, IF/IC

Clonality: Monoclonal

Dilution: WB (1/1000 - 1/3000),

IHC (1/100 - 1/200), IF/IC (1/100 - 1/200)

Entrez Gene: 361/11829/25293

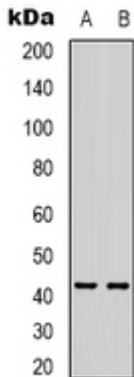
SwissProt: P55087/P55088/P47863

Purification:

Buffer: Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

WB description:

Western blot analysis of Aquaporin 4 expression in Hela (A), mouse heart (B), rat heart (C) whole cell lysates.

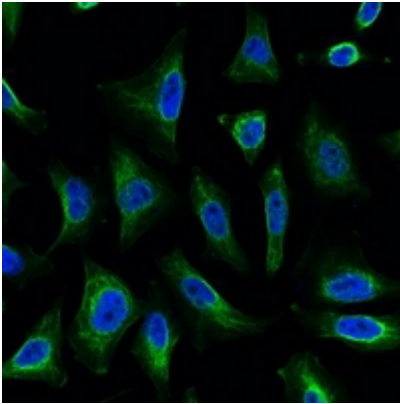


IHC description:

Immunohistochemical analysis of Aquaporin 4 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

IF/ICC description:

Immunofluorescent analysis of Aquaporin 4 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary ant



Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.