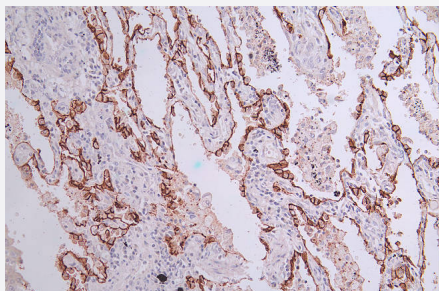


RecomAb™

AQP4 recombinant monoclonal antibody, clone 22F10

Catalog # RAB07713 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of AQP4 recombinant monoclonal antibody, clone 22F10 diluted at 1:50 and staining in paraffin-embedded human lung cancer performed on a Leica Bond™ system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human AQP4.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human AQP4.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry(1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

Immunohistochemistry image of AQP4 recombinant monoclonal antibody, clone 22F10 diluted at 1:50 and staining in paraffin-embedded human lung cancer performed on a Leica BondTM system.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — AQP4

Entrez GeneID	361
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Protein Accession#	P55087
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Gene Name	AQP4
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Gene Alias	HMW2, MGC22454, MW2
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Gene Description	aquaporin 4
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Omim ID	600308
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Gene Ontology	Hyperlink
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Gene Summary	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. The encoded protein is the predominant aquaporin found in brain. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]
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Other Designations	aquaporin type4 aquaporin-4 mercurial-insensitive water channel
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Disease

- [Atherosclerosis](#)
- [Brain Edema](#)
- [Brain Injuries](#)
- [Epilepsy](#)

- [Genetic Predisposition to Disease](#)
- [Infarction](#)
- [Migraine Disorders](#)
- [Schizophrenia](#)
- [Sclerosis](#)
- [Sudden Infant Death](#)