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[Primary Antibody]

Recombinant Rabbit Anti-AQP5 Monoclonal Antibody

Catalog Number: SLA1343M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
GeneID:	362
SWISS:	P55064
Target:	AQP5
Immunogen:	A synthesized peptide derived from human Aquaporin 5
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	ICC/IF (1:50-200) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	28 kDa
Subcellular Location:	Membrane
Background:	Forms a water-specific channel. Implicated in the generation of saliva, tears, and pulmonary secretions. Required for TRPV4 activation by hypotonicity. Together with TRPV4, controls regulatory volume decrease in salivary epithelial cells.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.