

bsm-61235R**[Primary Antibody]****Bioss**
ANTIBODIES

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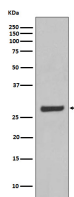
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Aquaporin 5 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-2000) ICC/IF (1:50-200)
Clonality: Recombinant		Reactivity: Human
GeneID: 362	SWISS: P55064	
Target: Aquaporin 5		
Immunogen: A synthesized peptide derived from human Aquaporin 5: 224-265.		Predicted MW.: 28
Purification: affinity purified by Protein A		Subcellular Location: Cell membrane
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
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.		

— VALIDATION IMAGES —

Western blot analysis of SW480 cell lysate. Using Aquaporin 5 (bsm-61235R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.