

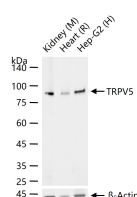
bsm-62549R**[Primary Antibody]****Bioss**
ANTIBODIES

www.bioss.com.cn

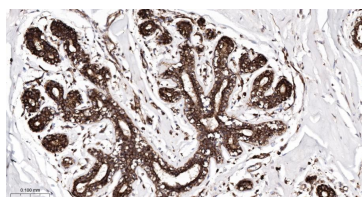
sales@bioss.com.cn

techsupport@bioss.com.cn

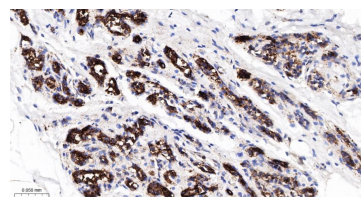
400-901-9800

TRPV5 Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 4D7**GeneID:** 56302**SWISS:** Q9NQA5**Target:** TRPV5**Immunogen:** A synthesized peptide derived from human TRPV5: 1-100.**Purification:** affinity purified by Protein A**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:** Constitutively active calcium selective cation channel thought to be involved in Ca²⁺ reabsorption in kidney and intestine. Required for normal Ca²⁺ reabsorption in the kidney distal convoluted tubules. The channel is activated by low internal calcium level and the current exhibits an inward rectification.**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted
MW.:** 83 kDa**Observed
MW.:** 90 kDa**Subcellular
Location:** Cell membrane**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with TRPV5 monoclonal antibody, unconjugated (bsm-62549R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Breast; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TRPV5 Monoclonal Antibody, Unconjugated (bsm-62549R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Breast; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TRPV5 Monoclonal Antibody, Unconjugated (bsm-62549R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.