bsm-61388R **[Primary Antibody]**

VAMP8 Recombinant Rabbit mAb

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DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 9F1
GeneID: 8673
SWISS: Q9BV40
Target: VAMP8

Immunogen: A synthesized peptide derived from human VAMP8: 1-29.

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: SNAREs, soluble N-ethylmaleimide-sensitive factor-attachment protein receptors, are essential proteins for fusion of cellular membranes. SNAREs localized on opposing membranes assemble to form a trans-SNARE complex, an extended, parallel four alpha-helical bundle that drives membrane fusion. VAMP8 is a SNARE involved in autophagy through the direct control of autophagosome membrane fusion with the lysososome membrane via its interaction with the STX17-SNAP29 binary t-SNARE complex.

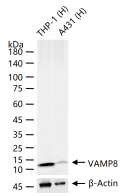
Applications: **WB** (1:500-2000)
IHC-P (1:100-200)
IHC-F (1:100-200)
IF (1:50-200)
Flow-Cyt (1:50-100)
ICC/IF (1:50-200)
IP (1:20-50)

Reactivity: Human (predicted: Mouse, Rat)

Predicted MW.: 11

Subcellular Location: Cell membrane

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with VAMP8 monoclonal antibody, unconjugated (bsm-61388R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.