bsm-54727R

[Primary Antibody]

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CHMP2B Recombinant Rabbit mAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Recombinant

GenelD: 25978 SWISS: Q9UQN3

Target: CHMP2B

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: The charged multivesicular body proteins, commonly designated

CHMPs, belong to the vacuolar sorting protein family and function as chromatin-modifying proteins. CHMP1-6 are all components of ESCRT (endosomal sorting complex required for transport) I, II or III complexes. These complexes are crucial for sorting endosomal articles into multivesicular bodies (MVBs), and are also required for the formation of these bodies. CHMP2B, also known as CHMP2.5 or vacuolar protein-sorting-associated protein 2-2, is a 213 amino acid cytosolic protein. Widely expressed in brain, heart, skeletal muscle, small intestine, pancreas, lung, placenta and leukocytes, CHMP2B associates directly with CHMP2A and vps4 for the disassembly of the ESCRT-III complex. Defects in the gene encoding CHMP2B have been shown to cause chromosome 3-

linked frontotemporal dementia (FTD3).

Applications: WB (1:500-1000)

IHC-P (1:100-500) IHC-F (1:400-800) IF (1:100-500) ICC/IF (1:50-100)

Reactivity: Human, Mouse, Rat

Predicted MW.: 24 kDa

Subcellular Location: Cytoplasm