bsm-61800R   [Primary Antibody]

CRMP2 Recombinant Rabbit mAb

— DATASHEET —

Host: Rabbit

Clonality: Recombinant

GeneID: 1808

Target: CRMP2

Isotype: IgG

CloneNo.: 2G11

SWISS: Q16555

Immunogen: A synthesized peptide derived from human DRP 2: 514-572.

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℃ for short term. Store at -20℃ for long term. Avoid repeated freeze/thaw cycles.

Background: Plays a role in neuronal development and polarity, as well as in axon growth and guidance, neuronal growth cone collapse and cell migration. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. May play a role in endocytosis.
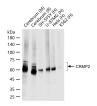
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (1:50-100)
ICC/IF (1:50-200)
IP (1:20-50)

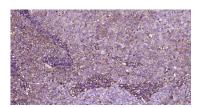**Reactivity:** Human, Mouse, Rat

Predicted MW.: 62

Subcellular Location: Cytoplasm
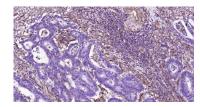
— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with CRMP2 monoclonal antibody, unconjugated (bsm-61800R) at 1:1000 dilution and 4℃ overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CRMP2 Monoclonal Antibody, Unconjugated(bsm-61800R) at 1:200 overnight at 4℃, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CRMP2 Monoclonal Antibody, Unconjugated(bsm-61800R) at 1:200 overnight at 4℃, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.