bsm-61161R

[Primary Antibody]

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PIK3C3 Recombinant Rabbit mAb

- DATASHEET -

Host: Rabbit Isotype: IgG
Clonality: Recombinant CloneNo.: 3D8
GeneID: 5289 SWISS: Q8NEB9

Target: PIK3C3

Immunogen: A synthesized peptide derived from human PI3 kinase p100: 800-887.

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: Catalytic subunit of the PI3K complex that mediates formation of

phosphatidylinositol 3-phosphate; different complex forms are believed to play a role in multiple membrane trafficking pathways: PI3KC3-C1 is involved in initiation of autophagosomes and PI3KC3-C2

in maturation of autophagosomes and endocytosis.

Applications: WB (1:500-2000)

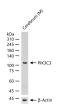
IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200)

Reactivity: Human, Mouse, Rat

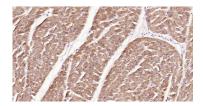
Predicted MW.: 102

Subcellular Cytoplasm Location:

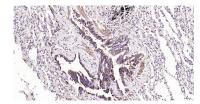
VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with PIK3C3 monoclonal antibody, unconjugated (bsm-61161R) 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 Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PIK3C3 Monoclonal Antibody, Unconjugated(bsm-61161R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PIK3C3 Monoclonal Antibody, Unconjugated(bsm-61161R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.