

Anti-PI3 Kinase p85 alpha/beta/gamma mAb antibody (400-500) [S4970RM] (STJ11104970)
STJ11104970

GENERAL INFORMATION

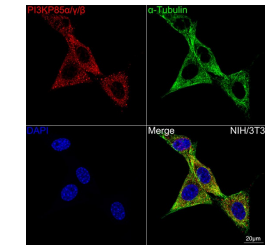
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

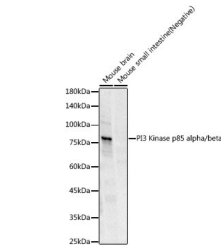
Clonality	Monoclonal
Clone ID	S4970RM
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:4500-1:18000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	5295 8503 5296 PIK3R1 PIK3R3 P85A_HUMAN P55G_HUMAN P85B_HUMAN
Immunogen	
Immunogen Region	400-500
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 400-500 of human PI3 Kinase p85 alpha/beta (NP_852664.1).
Immunogen Sequence	SVVELINHYRNESLAQYNPK LDVKLLYPVSKYQQDQVKE DNIEAVGKKLHEYNTQFQEK SREYDRLYEEYTRTSQEIQM KRTAIEAFNETIKIFEEQCQ T



Confocal imaging of NIH/3T3 cells using PI3KP85 Alpha/P55 Gamma/P85 Beta Rabbit monoclonal antibody (STJ11104970, dilution 1:200) (Red). The cells were counterstained with Alpha-Tubulin Mouse monoclonal antibody (dilution 1:400) (Green). DAPI was used for nuclear staining (Blue). Objective: 60x.



Western blot analysis of various lysates, using PI3KP85 Alpha/P55 Gamma/P85 Beta antibody (STJ11104970) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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