

# Phospho-PKC zeta (Thr410) Monoclonal Antibody (S.447.6)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Non-human primate, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Monoclonal
Type	Antibody
Clone	S.447.6
Conjugate	Unconjugated
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding pThr410 of human PKC zeta
Form	Liquid
Purification	Affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	<0.02% sodium azide
Storage conditions	-20°C
RRID	AB_10983263

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	1 Publication
in situ PLA (PLA)	-	1 Publication

## Product Specific Information

It is not recommended to aliquot this antibody.

### Western Blot (1)

The Journal of biological chemistry

#### Deficiency in the phosphatase PHLPP1 suppresses osteoclast-mediated bone resorption and enhances bone formation in mice.

"MA5-15060 was used in Western Blotting to report that conditional PHLPP1 deletion in murine osteoclasts increases their numbers and also enhances bone mass."

Authors: Mattson AM, Begun DL, Molstad DHH, Meyer MA, Oursler MJ, Westendorf JJ, Bradley EW

**Species**  
Mouse

**Dilution**  
1:2000

**Year**  
2019

### in situ PLA (1)

Cell

#### Metabolic Fingerprinting Links Oncogenic PIK3CA with Enhanced Arachidonic Acid-Derived Eicosanoids.

"MA5-15060 was used in Proximity Ligation Assay (PLA) to demonstrate a new mode of real-time diagnosis, coupling metabolic phenotype to mutant PIK3CA genotype."

Authors: Koundouros N, Karali E, Tripp A, Valle A, Inglese P, Perry NJS, Magee DJ, Anjomani Virmouni S, Elder GA, Tyson AL, Dória ML, van Weverwijk A, Soares RF, Isacke CM, Nicholson JK, Glen RC, Takats Z, Poulogiannis G

**Species**  
Mouse

**Dilution**  
Not Cited

**Year**  
2020

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