

## Product datasheet for **AM31817PU-N**

### PI 3 Kinase Class 2A (PIK3C2A) Mouse Monoclonal Antibody [Clone ID: 3E7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	3E7
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA.</b> <b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. <b>Western Blot.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	PIK3C2A antibody was raised against pIK3C2A (NP_002636, 1577 a.a. ~ 1687 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Specificity:	This antibody reacts to PIK3C2A.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	phosphatidylinositol-4-phosphate 3-kinase catalytic subunit type 2 alpha
Database Link:	<a href="#">Entrez Gene 5286 Human</a> <a href="#">O00443</a>
Background:	Phosphorylates PtdIns, PtdIns4P and PtdIns(4,5)P2. May play a role in clathrin-coated endocytic vesicle formation and EGF signaling cascade. May be involved in mitosis and UV-induced damage response. May be a downstream effector in insulin signaling cascade.

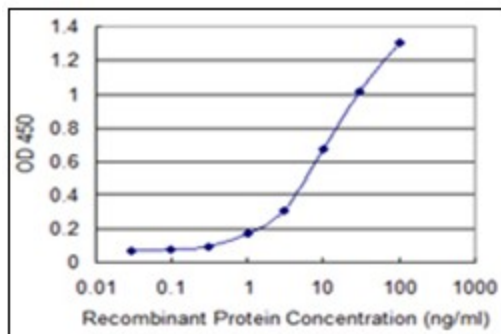


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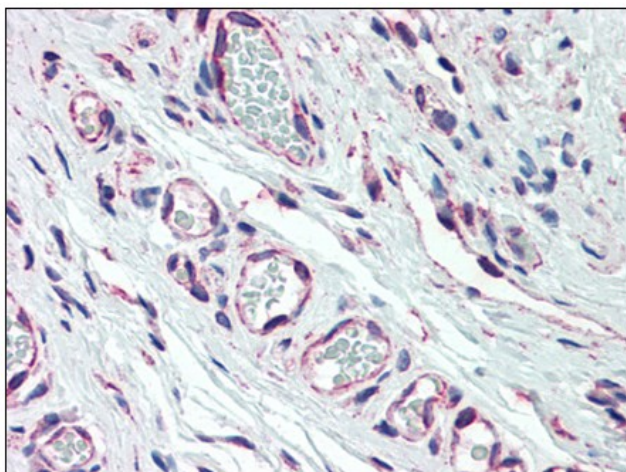
**Synonyms:** PI3K-C2alpha

**Protein Families:** Druggable Genome

**Protein Pathways:** Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system

**Product images:**

Detection limit for recombinant GST tagged PIK3C2A is 0.3 ng/ml as a capture antibody.



Human Capillaries: Formalin-Fixed, Paraffin-Embedded (FFPE)