
Product Name: PI3-Kinase p85 alpha Rabbit Monoclonal Antibody**Catalog #: AMRe86532**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	IHC, ICC/IF, FC
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:50-1:200, ICC/IF 1:20-1:50, FC 1:50-1:100
Molecular Weight	Calculated MW:84 kDa; Observed MW:85 kDa

Antigen Information

Gene Name	PI3-Kinase p85 alpha
Alternative Names	p85; AGM7; GRB1; IMD36; p85-ALPHA
Gene ID	5295
SwissProt ID	P27986
Immunogen	A synthetic peptide of human PI 3 Kinase p85 alpha

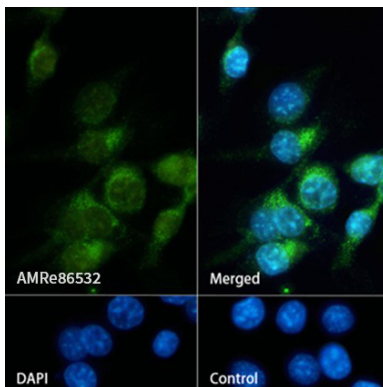
Background

Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory

subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in four transcript variants encoding different isoforms. [provided by RefSeq, Jun 2011]

Research Area

Image Data



Immunofluorescence analysis of 3T3 cells labelling PI3-Kinase p85 alpha with PI3-Kinase p85 alpha Rabbit Monoclonal Antibody.