

DESCRIPTION

Species Reactivity	Human
Specificity	Detects endogenous human PI 3-kinase p110β in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 269020
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human PI 3-Kinase p110β Met152-Val349 Accession # P42338
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Class IA phosphoinositide 3-kinases (PI 3-kinases) are a family of p85/p110 heterodimeric lipid kinases that function as signal transducers downstream of growth factor receptors, mainly receptor tyrosine kinases. Mammals express three class IA catalytic subunits: p110α, p110β, and p110δ. Reports suggest that the p110β subunit may have special importance in promoting cell proliferation.

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