

Product datasheet

Anti-PI 3 Kinase p110 delta antibody [Y387] - BSA and Azide free ab247253

Recombinant RabMAb

3 Images

Overview

Product name	Anti-PI 3 Kinase p110 delta antibody [Y387] - BSA and Azide free
Description	Rabbit monoclonal [Y387] to PI 3 Kinase p110 delta - BSA and Azide free
Host species	Rabbit
Specificity	This antibody recognises PI3-Kinases (PI3-Ks).
Tested applications	Suitable for: WB, IP, ICC/IF Unsuitable for: Flow Cyt or IHC
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab247253 is the carrier-free version of ab32401.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	Y387
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab247253 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

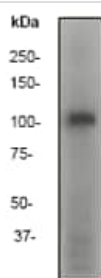
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 110 kDa (predicted molecular weight: 119 kDa).
IP		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.

Application notes Is unsuitable for Flow Cyt or IHC.

Target

Tissue specificity	Expressed predominantly in leukocytes.
Pathway	Phospholipid metabolism; phosphatidylinositol phosphate biosynthesis.
Sequence similarities	Belongs to the PI3/P4-kinase family. Contains 1 PI3K/P4K domain.
Post-translational modifications	Autophosphorylation on Ser-1039 results in the almost complete inactivation of the lipid kinase activity.

Images



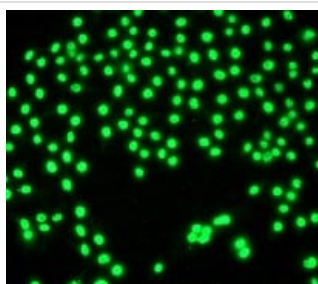
Western blot - Anti-PI 3 Kinase p110 delta antibody [Y387] - BSA and Azide free (ab247253)

Anti-PI 3 Kinase p110 delta antibody [Y387] ([ab32401](#)) at 1/500 dilution + Jurkat cell lysate

Predicted band size: 119 kDa

Observed band size: 110 kDa

This data was developed using [ab32401](#), the same antibody clone in a different buffer formulation.



Immunocytochemistry/ Immunofluorescence - Anti-PI 3 Kinase p110 delta antibody [Y387] - BSA and Azide free (ab247253)

This data was developed using [ab32401](#), the same antibody clone in a different buffer formulation. Immunofluorescent staining of HeLa cells using [ab32401](#) at 1/250 dilution.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-PI 3 Kinase p110 delta antibody [Y387] - BSA and Azide free (ab247253)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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