

Rabbit anti-Human PI3 Kinase p110 delta Monoclonal Antibody | anti-PIK3CD antibody

PI3 Kinase p110 delta Rabbit mAb

CATALOG # AAA282808	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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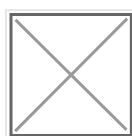
PRODUCT SYNONYMS

PI3 Kinase p110 delta; Monoclonal Antibody; PI3 Kinase p110 delta Rabbit mAb; APDS; PI3K; IMD14; p110D; IMD14A; IMD14B; ROCHIS; P110DELTA; anti-PIK3CD antibody

PRODUCT SPECIFICATIONS

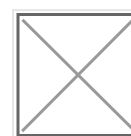
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	EESFTFQVST KDVPLALMAC ALRKKATVFR QPLVEQPEDY TLQVNGRHEY LYGSYPLCQF QYICSLHSG LTPHLMVHS SSILAMRDEQ SNPAPQVQKP R
Applicable Applications for anti-PIK3CD antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human PI3 Kinase p110 delta (O00329).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat spleen using PI3 Kinase p110 delta Rabbit mAb (AAA282808) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse spleen using PI3 Kinase p110 delta Rabbit mAb (AAA282808) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from Mouse thymus, using PI3 Kinase p110 delta Rabbit mAb (AAA282808) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-PIK3CD antibody	Phosphoinositide 3-kinases (PI3Ks) phosphorylate inositol lipids and are involved in the immune response. The protein encoded by this gene is a class I PI3K found primarily in leukocytes. Like other class I PI3Ks (p110-alpha p110-beta, and p110-gamma), the encoded protein binds p85 adapter proteins and GTP-bound RAS. However, unlike the other class I PI3Ks, this protein phosphorylates itself, not p85 protein.
Product Categories/Family for anti-PIK3CD antibody	Epigenetics Nuclear Signaling; Translation Control; Regulation of eIF4 and p70 S6 Kinase; Signal Transduction; Kinase; PI3K-Akt Signaling Pathway; mTOR Signaling Pathway; ErbB-HER Signaling Pathway; MAPK-Erk Signaling Pathway; MAPK-JNK Signaling Pathway;

NCBI AND UNIPROT INFORMATION

NCBI GI #	67477424
NCBI GeneID	5293
UniProt Accession #	O00329; O15445; Q5SR49; A6NCG0; G1FFP1
Molecular Weight	Calculated MW: 119kDa Observed MW: 119kDa
UniProt Protein Name	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit delta isoform
UniProt Gene Name	PIK3CD
UniProt Synonym Gene Names	PI3-kinase subunit delta; PI3K-delta; PI3Kdelta; PtdIns-3-kinase subunit delta; PtdIns-3-kinase subunit p110-delta; p110delta
UniProt Entry Name	PK3CD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pi3-kinase-p110-delta-antibody-immunohistochemistry-western-blot-elisa/282808>