



PIK3CA H1047R (ABT454) Mouse mAb

Catalog No	YP-Ab-15692
Isotype	IgG
Reactivity	Human
Applications	IHC, WB
Gene Name	PIK3CA
Protein Name	5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha; 5-bisphosphate 3-kinase catalytic subunit alpha isoform; caPI3K; CLOVE; CWS5; MCAP; MCM; MCMTC; MGC142161; MGC142163; p110 alpha; p110alpha; Phosphatidylinositol 3 kinase catalytic alpha polypeptide; Phosphatidylinositol 3 kinase catalytic 110 KD alpha; Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha; Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha isoform; Phosphatidylinositol 4,5 bisphosphate 3 kinase 110 kDa catalytic subunit alpha; Phosphatidylinositol-4; Phosphoinositide 3 kinase catalytic alpha polypeptide; PI 3 Kinase catalytic subunit alpha; PI3 kinase p110 subunit alpha; PI3-kinase subunit alpha; PI3K; PI3K-alpha; PI3KC A; PIK3C A; Pik3ca; PK3CA; PK3CA_HUMAN; PtdIns 3 kinase p110; PtdIns-3-kinase subunit alpha; PtdIns-3-kinase subunit p110-alpha; Serine/threonine protein kinase PIK3CA
Immunogen	Synthesized peptide derived from human PIK3CA H1047R
Specificity	The antibody can specifically recognize the h1047r mutation of human PIK3CA protein, and does not react with wild-type PIK3CA protein.
Formulation	PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein
Source	Monoclonal Mouse IgG2b, kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:200-400, WB: Use a concentration of 1 - 5 µg/ml
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha; 5-bisphosphate 3-kinase catalytic subunit alpha isoform; caPI3K; CLOVE; CWS5; MCAP; MCM; MCMTC; MGC142161; MGC142163; p110 alpha; p110alpha; Phosphatidylinositol 3 kinase catalytic alpha polypeptide; Phosphatidylinositol 3 kinase catalytic 110 KD alpha; Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha; Phosphatidylinositol 4 5 bisphosphate 3 kinase catalytic subunit alpha isoform; Phosphatidylinositol 4,5 bisphosphate 3 kinase 110 kDa catalytic subunit alpha; Phosphatidylinositol-4; Phosphoinositide 3 kinase catalytic alpha



polypeptide;PI 3 Kinase catalytic subunit alpha;PI3 kinase p110 subunit alpha;PI3-kinase subunit alpha;PI3K;PI3K-alpha;PI3KC A;PIK3C A;Pik3ca;PK3CA;PK3CA_HUMAN;PtdIns 3 kinase p110;PtdIns-3-kinase subunit alpha;PtdIns-3-kinase subunit p110-alpha;Serine/threonine protein kinase PIK3CA

Observed Band**Cell Pathway**

Cytoplasmic

Tissue Specificity

Gastric adenocarcinoma with PIK3CA H1047R protein expression

Function**Background****matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images