

## IHCAb™ PIK3CA H1047R (BGT453) Mouse mAb

Cat #: B-IMW6978

Size: 100 µL

Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.

### Background

Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The protein encoded by this gene represents the catalytic subunit, which uses ATP to phosphorylate PtdIns, PtdIns4P and PtdIns(4,5)P2. This gene has been found to be oncogenic and has been implicated in cervical cancers. A pseudogene of this gene has been defined on chromosome 22.

### Product Information

**Applications/Dilution:** IHC-p 1:200-400, WB 500-1000

**Isotype/Source:** Monoclonal Mouse IgG2b, Kappa

**Specificity:** The antibody can specifically recognize the h1047r mutation of human PIK3CA protein, and does not react with wild-type PIK3CA protein

**Subcellular Location:** Cytoplasmic

**Expression:** Gastric adenocarcinoma with PIK3CA H1047R protein expression

**Formulation:** PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein

**Storage:** Store at -15°C to -25°C



Fig.1. Human gastric adenocarcinoma tissue was stained with Anti-PIK3CA H1047R Antibody

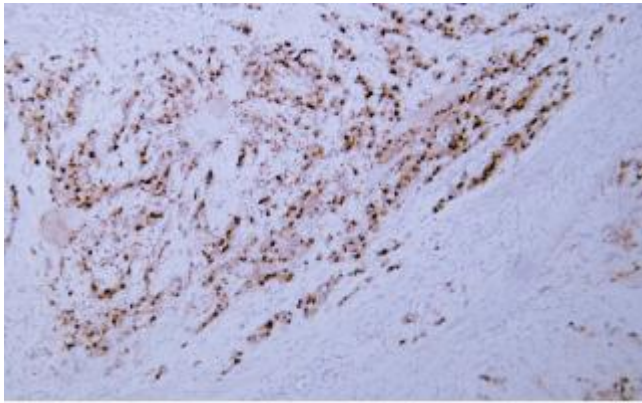


Fig.2. Human gastric adenocarcinoma tissue was stained with Anti-PIK3CA H1047R Antibody

**Note:**

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.