

## Product datasheet for **TA368690S**

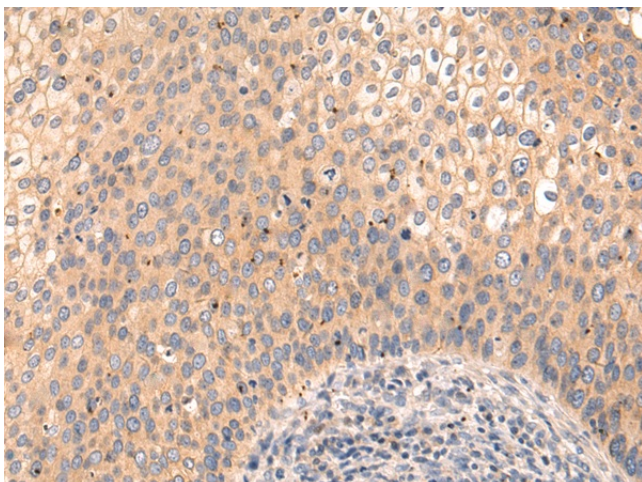
### PI 3 Kinase catalytic subunit alpha (PIK3CA) Rabbit Polyclonal Antibody

#### Product data:

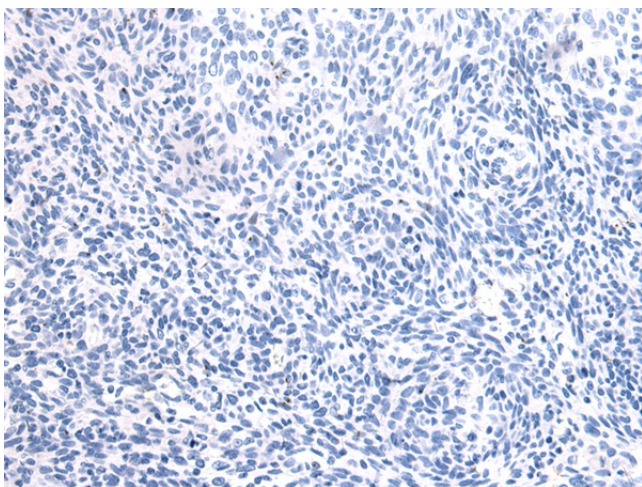
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human PIK3CA
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha
Database Link:	<a href="#">Entrez Gene 5290 Human P42336</a>
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)P <sub>2</sub> . 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.
Synonyms:	MGC142161; MGC142163; p110-alpha; PI3K



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**Product images:**

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA368690] (PIK3CA Antibody) at dilution 1/50 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA368690] (PIK3CA Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification:  $\times 200$ )