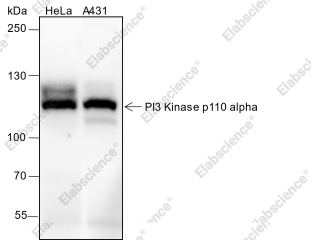
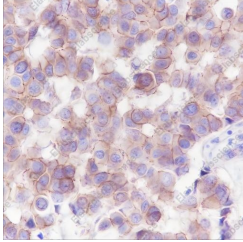
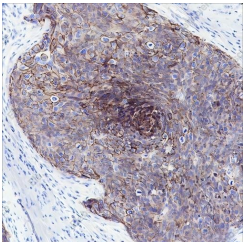
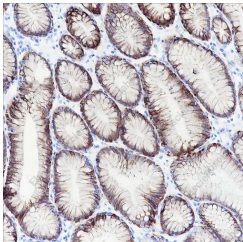
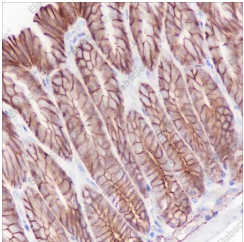
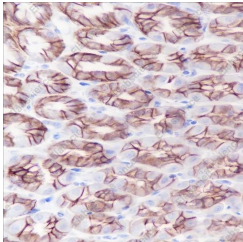


Recombinant PI3 Kinase p110 alpha Monoclonal Antibody

catalog number: **AN301630L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human PI3 Kinase p110 alpha fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111253
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:200-1:1000
IF	1:50

Data	
 Western Blot with PI3 Kinase p110 alpha Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa, Lane 2: A431 Observed-MW:120 kDa Calculated-MW:110 kDa	 Immunohistochemistry of paraffin-embedded Human breast cancer using PI3 Kinase p110 alpha Monoclonal Antibody at dilution of 1:1000.
 Immunohistochemistry of paraffin-embedded Human cervical cancer using PI3 Kinase p110 alpha Monoclonal Antibody at dilution of 1:1000.	 Immunohistochemistry of paraffin-embedded Human stomach using PI3 Kinase p110 alpha Monoclonal Antibody at dilution of 1:1000.
	

For Research Use Only

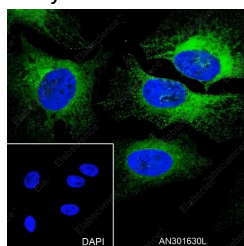
Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.2

Immunohistochemistry of paraffin-embedded Mouse stomach using PI3 Kinase p110 alpha Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat stomach using PI3 Kinase p110 alpha Monoclonal Antibody at dilution of 1:1000.

Immunofluorescent analysis of (4% Paraformaldehyde) fixed HeLa cells using anti-PI3 Kinase p110 alpha Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Phosphoinositide-3-kinase (PI3K) that phosphorylates PtdIns (Phosphatidylinositol), PtdIns4P (Phosphatidylinositol 4-phosphate) and PtdIns(4,5)P2 (Phosphatidylinositol 4,5-bisphosphate) to generate phosphatidylinositol 3,4,5-trisphosphate (PIP3). PIP3 plays a key role by recruiting PH domain-containing proteins to the membrane, including AKT1 and PDK1, activating signaling cascades involved in cell growth, survival, proliferation, motility and morphology. Participates in cellular signaling in response to various growth factors.