

Mouse Monoclonal Antibody to PIK3CA

Catalogue Number	sAP-0684
Target Molecule	Name: PIK3CA Aliases: PI3K; p110-alpha MW: 124kDa Entrez Gene ID: 5290
Description	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.
Immunogen	Purified recombinant fragment of human PIK3CA expressed in E. Coli. ;
Recombinant Species	Human
Clone	MM4F3;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	Cancer Res. 2009 Dec 1;69(23):8868-76. ; Diagn Mol Pathol. 2009 Dec;18(4):200-5. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**