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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PIK3CA/CEN3q FISH Probe

Catalog Number: FG0073

Regulatory Status: For research use only (RUO)

Product Description: Labeled FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. ([Technology](#))

Applications: FISH-Ce, FISH-P
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Supplied Product: DAPI Counterstain (1500 ng/mL)
125 uL for each 100 uL FISH Probe

Storage Instruction: Store at 4°C in the dark.

Entrez GeneID: 5290

Gene Symbol: PIK3CA

Gene Alias: MGC142161, MGC142163, PI3K, p110-alpha

Gene Summary: 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. [provided by RefSeq]

References:

1. PIK3CA mutation in Chinese patients with lung squamous cell carcinoma. Yu J, Bai H, Wang Z, Wei Z, Ding X, Duan J, Yang L, Wu M, Wang Y, Wang J Chin J Cancer Res. 2013 Aug;25(4):416-22. doi: 10.3978/j.issn.1000-9604.2013.08.03.