

SMO FISH Probe

Catalog # FA0203 Size 200 uL

Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).
Origin	Human
Source	Genomic DNA
Reactivity	Human
Notice	We strongly recommend the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status	For research use only (RUO)
Supplied Product	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.

Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

Gene Info — SMO

Entrez GeneID	6608
Gene Name	SMO
Gene Alias	Gx, SMOH
Gene Description	smoothened homolog (Drosophila)

Omim ID	601500
Gene Ontology	Hyperlink
Other Designations	seven transmembrane helix receptor smoothened

Publication Reference

- [Efficacy of continuous EGFR-inhibition and role of Hedgehog in EGFR acquired resistance in human lung cancer cells with activating mutation of EGFR.](#)

Della Corte CM, Malapelle U, Vigliar E, Pepe F, Troncone G, Ciaramella V, Troiani T, Martinelli E, Belli V, Ciardiello F, Morgillo F.

Amino Acids 2017 Apr; 8(14):23020.

Application: FISH, Mouse, Mouse tumors (xenografts in mice of EGFR inhibitors resistant tumors)

Pathway

- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Thyroid Neoplasms](#)
- [Urinary Bladder Neoplasms](#)