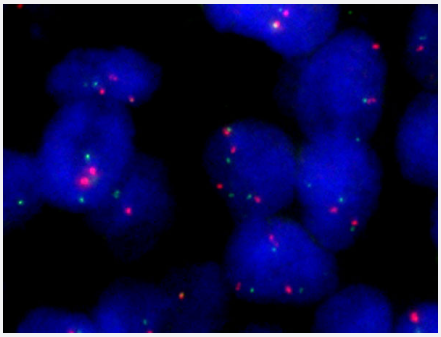
Sm Size

GPC5/CEN13q FISH Probe

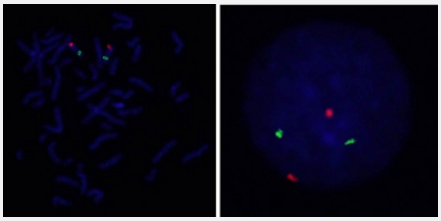
Catalog # FG0138 Size 200 uL, 100 uL

Applications



Fluorescent *In Situ* Hybridization (Formalin/PFA-fixed paraffin-embedded sections)

human ovary cancer (FFPE) stained with GPC5/CEN13q FISH Probe . human ovary cancer showed no GPC5 amplification.



Hybridization position of the probes on the chromosome.

Hybridization position of the probes on the chromosome.

Specification

Product Description	Labeled FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization T echnique. (Technology).

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Probe 1	**Name:** GPC5 **Size:** Approximately 500kb **Fluorophore:** Texas Red **Location:** 13q32
Probe 2	**Name:** CEN13q **Size:** Approximately 550kb **Fluorophore:** FITC **Location:** 13q12.11
Probe Gap	The gap between two probes is approximately 64,100 kb.
Origin	Human
Source	Genomic DNA
Reactivity	Human
Form	Liquid
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)
Quality Control Testing	Representative images of normal human cell (lymphocyte) stain with the dual color FISH probe. The l eft image is chromosomes at metaphase, and the right image is an interphase nucleus.
Supplied Products	DAPI Counterstain (1500 ng/mL) 125 uL for each 100 uL FISH Probe
Storage Instruction	Store at 4°C in the dark.
Note	Hybridization position of the probes on the chromosome. Hybridization position of the probes on the chromosome.
Self-Attestation	Abnova self-attests to comply with the U.S. Framework for Nucleic Acid Synthesis Screening

Applications

- Fluorescent *In Situ* Hybridization (Formalin/PFA-fixed paraffin-embedded sections)

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  Protocol Download

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

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Gene Info — GPC5

Entrez GeneID	2262
Gene Name	GPC5
Gene Alias	-
Gene Description	glypican 5
Omim ID	602446
Gene Ontology	Hyperlink
Gene Summary	Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation. [provided by RefSeq
Other Designations	OTTHUMP00000018551|bA93M14.1|glypican proteoglycan 5

Disease

- Colitis
- Crohn Disease
- Death
- Diabetes Mellitus
- Disease Progression
- Disease Susceptibility
- Genetic Predisposition to Disease
- Heart Diseases
- Lung Neoplasms
- Multiple Sclerosis
- Overweight
- Rectal Fistula

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- Recurrence
- Tobacco Use Disorder

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