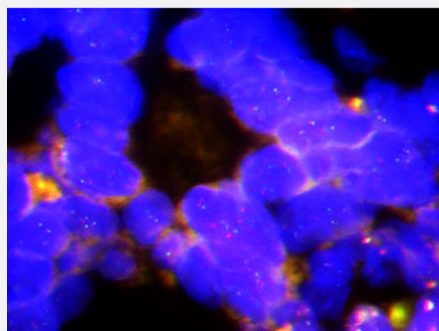


AIB1/CEN20q FISH Probe

Catalog # FG0034

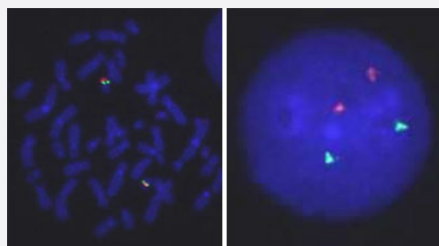
Size 200 uL, 100 uL

Applications



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

Human breast cancer (FFPE) stained with AIB1/CEN20q FISH Probe. Human breast cancer showed no AIB1 gene 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 Technique. ([Technology](#)).

Probe 1	Name: AIB1 Size: Approximately 350kb Fluorophore: Texas Red Location: 20q12
Probe 2	Name: CEN20q Size: Approximately 680kb Fluorophore: FITC Location: 20q11.22
Probe Gap	The gap between two probes is approximately 9,300 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 left image is chromosomes at metaphase, and the right image is an interphase nucleus.
Supplied Product	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.

Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

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

Human breast cancer (FFPE) stained with AIB1/CEN20q FISH Probe. Human breast cancer showed no AIB1 gene amplification.

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Gene Info — NCOA3

Entrez GeneID	8202
Gene Name	NCOA3
Gene Alias	ACTR, AIB-1, AIB1, CAGH16, CTG26, KAT13B, MGC141848, RAC3, SRC3, TNRC14, TNRC16, TRAM-1, bHLHe42, pCIP
Gene Description	nuclear receptor coactivator 3
Omim ID	601937
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a nuclear receptor coactivator that interacts with nuclear hormone receptors to enhance their transcriptional activator functions. The encoded protein has histone acetyltransferase activity and recruits p300/CBP-associated factor and CREB binding protein as part of a multisubunit coactivation complex. This protein is initially found in the cytoplasm but is translocated into the nucleus upon phosphorylation. Two transcript variants encoding different isoforms have been found for this gene. In addition, a polymorphic repeat region is found in the C-terminus of the encoded protein. [provided by RefSeq]
Other Designations	CBP-interacting protein OTTHUMP00000031716 OTTHUMP00000031718 amplified in breast cancer-1 receptor-associated coactivator 3 steroid receptor coactivator protein 3 thyroid hormone receptor activator molecule 1

Disease

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- [Body Weight](#)
- [Breast cancer](#)
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