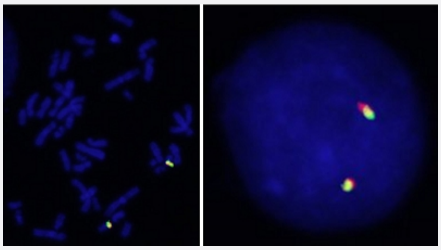
Sm Size

MALT1 Split FISH Probe

Catalog # FS0092 Size 200 uL, 100 uL

Applications



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 split using Fluorescent In Situ Hybridization Technique. (Technology).
Probe 1	**Name:** MALT1 **Size:** Approximately 410kb **Fluorophore:** Texas Red **Location:** 18q21.32
Probe 2	**Name:** MALT1 **Size:** Approximately 650Kb **Fluorophore:** FITC **Location:** 18q21.32
Origin	Human

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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.
Regulatory 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.
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 (Cell)

  Protocol Download

Gene Info — MALT1

Entrez GeneID	10892
Gene Name	MALT1
Gene Alias	DKFZp434L132, MLT, MLT1
Gene Description	mucosa associated lymphoid tissue lymphoma translocation gene 1
Omim ID	604860
Gene Ontology	Hyperlink
Gene Summary	This gene has been found to be recurrently rearranged in chromosomal translocation with two oth er genes - baculoviral IAP repeat-containing protein 3 (also known as apoptosis inhibitor 2) and i mmunoglobulin heavy chain locus - in mucosa-associated lymphoid tissue lymphomas. The protei n encoded by this gene may play a role in NF-kappaB activation. Two alternatively spliced transcri pt variants encoding different isoforms have been described for this gene. [provided by RefSeq
Other Designations	MALT associated translocation|MALT-lymphoma associated translocation|caspase-like protein|m ucosa associated lymphoid tissue lymphoma translocation protein 1|paracaspase

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Pathway

- B cell receptor signaling pathway
- T cell receptor signaling pathway

Disease

- Gastritis
- Genetic Predisposition to Disease
- Helicobacter Infections
- Lymphoma
- Stomach Neoplasms

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