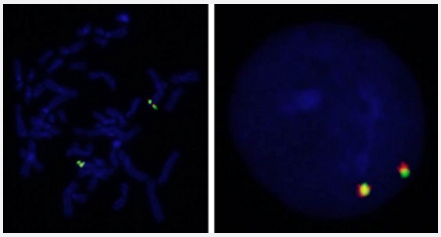
Sm Size

BCL2 Split FISH Probe

Catalog # FS0052 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:** BCL2 **Size:** Approximately 610kb **Fluorophore:** FITC **Location:** 18q21
Probe 2	**Name:** BCL2 **Size:** Approximately 170kb **Fluorophore:** TexRed **Location:** 18q21
Origin	Human

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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 (Cell)

  Protocol Download

Gene Info — BCL2

Entrez GeneID	596
Gene Name	BCL2
Gene Alias	Bcl-2
Gene Description	B-cell CLL/lymphoma 2
Omim ID	151430
Gene Ontology	Hyperlink

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Gene Summary	This gene encodes an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Two transcript variants, produced by alternate splicing, differ in their C-terminal ends. [provided by RefSeq
Other Designations	B-cell lymphoma protein 2|OTTHUMP00000163680

Pathway

- Amyotrophic lateral sclerosis (ALS)
- Apoptosis
- Colorectal cancer
- Focal adhesion
- Neurotrophin signaling pathway
- Pathways in cancer
- Prostate cancer
- Small cell lung cancer

Disease

- Adenocarcinoma
- Alzheimer Disease
- Amnesia
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Azoospermia
- Bile Duct Neoplasms
- Brain Injuries
- Breast cancer

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- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Cholangiocarcinoma
- Chromosome Aberrations
- Clubfoot
- Cognition
- Cognition Disorders
- Diabetes Mellitus
- Disease Progression
- Edema
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Hematologic Diseases
- Hodgkin Disease
- Kidney Failure
- Kidney Neoplasms
- Laryngeal Neoplasms
- Leukemia
- Leukemia-Lymphoma
- Lung Neoplasms
- Lupus Erythematosus
- Lymphatic Metastasis
- Lymphoma
- Lymphoproliferative Disorders

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- Multiple Sclerosis
- NARP
- Neoplasm Invasiveness
- Neoplasm Recurrence
- Neovascularization
- Neuropsychological Tests
- Occupational Diseases
- Oropharyngeal Neoplasms
- Ovarian Neoplasms
- Postoperative Complications
- Prostate cancer
- Prostatic Neoplasms
- Prosthesis Failure
- Pulmonary Disease
- Thyroid Neoplasms
- Translocation
- Waldenstrom Macroglobulinemia
- Werner syndrome

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