# ZytoLight® SPEC ALK/2q11 Dual Color Probe

## For the detection of the human ALK gene and chromosome 2 specific sequences by fluorescence *in situ* hybridization (FISH).

The ZytoLight® SPEC ALK/2q11 Dual Color Probe is designed for detection of amplifications of the chromosomal region harboring the ALK gene. In addition to ALK gene fusions, ALK has also shown to be amplified and show copy number gains in a variety of tumors including non-small cell lung cancer and alveolar rhabdomyosarcoma. In colorectal cancer, ALK amplification was correlated with nodal status suggesting that ALK amplified tumors are also a frequent genetic event in the tumorigenesis of neuroblastomas and were found to result in high ALK expression correlating with an unfavorable neuroblastoma phenotype.

## Ordering Information

Order Online »

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|---|---|
| **ZTV-Z-2161-200** | 200µl |

## Manuals, SDS & CofA

View Online »

## Handling & Storage

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|---|---|
| **Long Term Storage** | +4°C |
| **Shipping** | Blue Ice |

## Regulatory Status

RUO - Research Use Only

## Product Details

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|---|---|
| **Alternative Name** | Anaplastic Lymphoma Receptor Tyrosine Kinase, CD246, Chromosome 2 |
| **Application** | FISH |
| **Quantity** | Sufficient for 20 tests, using 10 µl probe solution per test. |
| **Technical Info / Product Notes** | For the Original Manufacturer's data sheet please click here.<br>For the Manual please click here. |

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