

## F/exISH® NTRK1/NTRK3 DistinguISH™ Probe (Z-2314-50/-200)

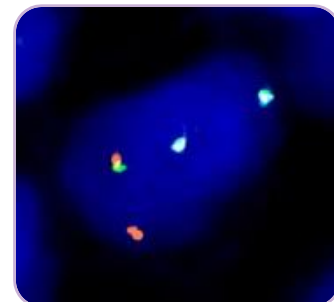
The **F/exISH® NTRK1/NTRK3 DistinguISH™ Probe** (Z-2314-50/-200) is designed to detect rearrangements affecting the chromosomal region 1q23.1 and 15q25.3 harboring the NTRK1 and NTRK3 gene region, respectively.

The neurotrophic tyrosine receptor kinase genes (NTRK1, NTRK2, and NTRK3) encode a family of receptor tyrosine kinases that serve important roles in cell survival, proliferation, and cellular differentiation in healthy human cells.

The tumor types in which NTRK gene fusions have been detected are diverse, and include, e.g., breast cancer, non-small cell lung cancer, sarcoma, melanoma, and thyroid carcinoma.

The treatment of patients with NTRK fusion-positive cancers with a NTRK inhibitor is associated with high response rates, regardless of NTRK gene, fusion partner, and tumor type.

Hence, detection of NTRK1 and NTRK3 rearrangements by FISH may be of therapeutic significance.



Cell which shows two green/orange/blue fusion signals (NTRK3) and one green/orange fusion signal (NTRK1). NTRK1 rearrangement is indicated by one isolated orange signal, not co-localizing with a blue signal.

| Prod. No.      | Product                                | Label | Tests* (Volume)     |
|----------------|--|-------|---------------------|
| Z-2314-50/-200 | F/exISH NTRK1/NTRK3 DistinguISH™ Probe | ●/●/● | 5/20 (50 µl/200 µl) |

\* Using 10 µl probe solution per test.

To receive more details of our **F/exISH® NTRK1/NTRK3 DistinguISH™ Probe** please use the following link to download all available information:

<https://www.zytovision.com/products/flexish/z-2314>

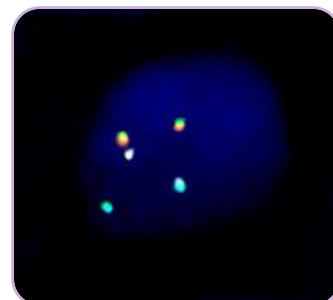
- Product Data Sheet
- Instruction for Use
- MSDS

### Related Products

**F/exISH®** -Tissue Implementation Kit - Product No. Z-2182-5/-20

The probe is CE IVD registered and available as 5 and 20 test volumes.

Please do not hesitate to contact us if you have any questions or comments. We hope that this information is helpful for you.



Cell which shows two green/orange fusion signals and one green/orange/blue fusion signal. NTRK3 rearrangement is indicated by one separate orange and one separate green signal, both co-localizing with blue signals.