Stellaris® FISH Probes, Mouse Malat1 with Quasar® 570 Dye

Mouse Malat1 consists of a set of Quasar® 570-labeled oligos mixed at equal ratios and pooled into a final delivered amount of 1 nmol, which yields approximately 80 hybridizations under standard conditions. Designed to detect Malat1 transcripts in Mouse specimens using fluorescence in situ hybridization (FISH).

Design Criteria: Product was designed against Mouse metastasis associated lung adenocarcinoma transcript 1 (non-coding RNA), Malat1, a.k.a. NEAT2; Al647968; 2210401K01Rik; 9430072K23Rik (NCBI gene ID: 72289), and the sequence of NR_002847.2 nts 751-6982. The probe set has not been tested for potential cross-hybridization to RNA(s) of paralogous and orthologous gene(s) in the same or other species.

Representative image of mouse Malat1 RNAs detected with a Quasar 570 dye labeled probe set in NIH-3T3 cells

Properties

Absorption Maximum (Lambda Max): 548 nm
Fluorescence Maximum: 566 nm

Product Usage

Additional Information: Please note that reconstituted probe mix should be subjected to a minimum number of freeze-thaw cycles. For daily and short-term use, the mix can be stored at +2 to +8 °C in the dark for up to a month.

For long-term use: We recommend freezing reconstituted probes in the dark at -15 to -30 °C for storage lasting longer than a month.

Protocols: Detailed protocols by sample type can be found here: https://www.biosearchtech.com/stellarisprotocols.

Storage & Handling

Storage Conditions: Stellaris FISH Probes are shipped dry and may be stored at +2 to +8°C in this state.
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