omicsveu

MYC RNAveu Probe

Catalog No	Description
FR098-20	0.22 mL of ready-to-use oligo-conjugated mRNA probe*
CD202-20	0.22 mL of complementary probe conjugated with Cy3 fluorophore*

* For 18×18 slides, addition of 10 µL probe is recommended.

Intended Use

For Research Use only. This RNAveu probe is designed for the specific localization of MYC mRNA in formalin-fixed, paraffin embedded (FFPE) tissue sections. Interpretation of results must be done by experienced personnel.

Summary and Explanation

MYC plays a crucial role in both the beginning and continuation of cancer development. Numerous types of cancers rely on continuous activation of MYC. Tumorigenesis is initiated by MYC through escaping various mechanisms that suppress tumor growth. A well-known fundamental function of MYC is induction of apoptosis. MYC transcription factor has a dual role in tumor cells. It can activate and repress various downstream pathways that can induce proliferation or apoptosis. Myc amplification is detected in numerous types of cancer such as breast, colorectal, pancreatic, gastric, and uterine cancers.

Storage and Handling

Store at -20 °C. Allow the reagents to reach ambient temperature before use.

Reagents Provided

One vial of RNAveu probe and one vial of corresponding fluorophore-labeled complementary probe.

Recommended Protocol

Manual:
https://omicsveu.com/wpcontent/uploads/Brochures/914-0083.0.pdf
Automation:
https://omicsveu.com/wpcontent/uploads/Brochures/914-0082.0.pdf
For more information:
https://omicsveu.com/wpcontent/uploads/Brochures/914-0084.0.pdf

Bibliography

1. https://doi.org/10.1007/978-3-642-16712-6_518
2. https://doi.org/10.1038/s41408-021-00578-1
3. https://doi.org/10.1186/s13045-021-01111-4

	Temperature Limitation	RUO	For Research Use Only
	Use by Date	LOT	Batch Code
	Non-Sterile		Consult Instructions for Use
REF	Catalog Number		omicsveu

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