omicsveu

CD33 RNAveu Probe

Catalog No	Description
FR076-20	0.22 mL of ready-to-use oligo-conjugated mRNA probe*
CP201-20	0.22 mL of complementary probe conjugated with FAM 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 CD33 mRNA in formalin-fixed, paraffin embedded (FFPE) tissue sections. Interpretation of results must be done by experienced personnel.

Summary and Explanation

CD33 plays a role in cell communication, cellular attachment, and cellular development in healthy cells. Cancer cells that excessively produce CD33 tend to exhibit accelerated growth. Being aware of the presence of CD33 positive cancer can assist in developing a treatment strategy. Certain types of cancer, such as acute myeloid leukemia and certain forms of lymphoma, can exhibit CD33 positivity. CD33 is present on LN tissues. CD33 are expressed in hematopoietic stem and progenitor cells, increasing off-target toxicity and killing hematopoietic stem and progenitor cells in immunotherapy.

Storage and Handling

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

Reagents Provided

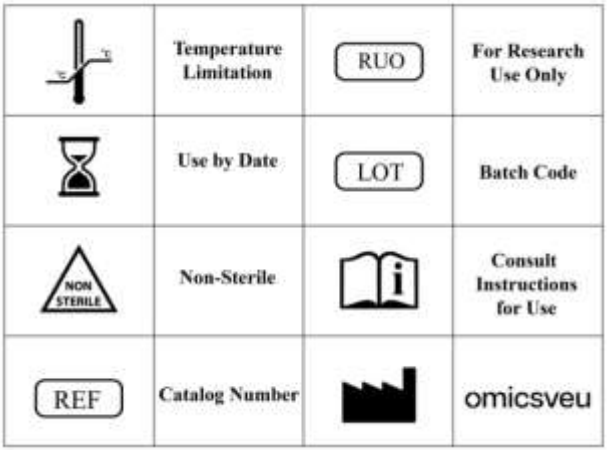
One vial of RNAveu probe and one vial of corresponding fluorophore-labeled complementary probe.

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/10.1182/blood-2004-07-2784
3. https://doi.org/10.1186/s13045-022-01390-5



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