Anti-Beta Tubulin (BT7R)-159Tb
Pathologist-Verified Clone for Imaging Mass Cytometry™

Catalog number: 3159036D
Package size and concentration: 25 µg, 0.5 mg/mL
Clone: BT7R
Isotype: Mouse IgG2
Pathologist-verified on: Human FFPE
Fluidigm tested on: Human FFPE, Mouse FFPE

Reported reactivity: Human, Mouse, Rat, Rabbit, Dog, Chicken, Non-Human Primate
Formulation: Antibody stabilizer with 0.05% sodium azide
Storage: Store at 4 °C. Do not freeze.
Application: IMC paraffin

Technical Information
Description: Beta-tubulin is a 55 kDa subunit of tubulin that polymerizes with alpha-tubulin into microtubules, the major cytoskeletal elements found in all eukaryotic cells. Microtubules play key roles in chromosome segregation in mitosis, intracellular transport, ciliary and flagellar bending, and structural support of the cytoskeleton.

Application: The metal-tagged antibody is designed and formulated for the application of Imaging Mass Cytometry™ (IMC™) using the Fluidigm Hyperion™ Imaging System on formalin-fixed, paraffin-embedded (FFPE) tissue sections.

Quality control: Each lot of conjugated antibody is quality control-tested by Imaging Mass Cytometry on tissue sections

Recommended concentration: For optimal performance it is recommended that the antibody be titrated for the desired application. Suggested initial dilution range: IMC-Paraffin: 1:50 to 1:200

References


Safety
Use standard laboratory safety protocols. Read and understand the safety data sheets (SDSs) before handling chemicals. To obtain SDSs, go to fluidigm.com/sds and search for the SDS using either the product name or the part number.

For technical support visit techsupport.fluidigm.com. | For general support visit fluidigm.com/support.

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