Anti-β-actin-154Sm

Pathologist-Verified Clone for Imaging Mass Cytometry™

Catalog: 3154021D
Package size and concentration: 25 µg, 0.5 mg/mL
Storage: Store at 4 °C. Do not freeze.
Reactivity: Rat, Mouse, Human

Technical Information

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: 1:25 to 1:100

Description

β-actin is a 42 kDa cytoplasmic protein that is one of six different actin isoforms expressed ubiquitously in all eukaryotic cells. As an essential component of the cytoskeleton, β-actin is involved in cell motility, structure and integrity.

Human prostate adenocarcinoma (FFPE) stained with 154Sm-anti-β-actin (2F1-1) at a dilution of 1:50 (red pseudocolor), 148Nd-anti-pan-keratin (C51) (green pseudocolor), and iridium DNA intercalator (blue pseudocolor). Heat-mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. Scale bar size = 100 µm.

References


For technical support visit http://techsupport.fluidigm.com. | For general support visit www.fluidigm.com/support.

For Research Use Only. Not for use in diagnostic procedures.

This product contains antibodies manufactured by and sold under license from BioLegend® and licensees thereof.


Limited Use Label License: The purchase of this product conveys to the purchaser the limited, non-transferable right to use the purchased consumable or reagent only with Fluidigm Instruments and Systems. EU’s WEEE directive information: www.fluidigm.com/compliance. Fluidigm, the Fluidigm logo, Hyperion, Imaging Mass Cytometry, and IMC are trademarks or registered trademarks of Fluidigm Corporation in the United States and/or other countries. All other trademarks are the sole property of their respective owners. © 2017 Fluidigm Corporation. All rights reserved. 10/2017