Anti-CD14 (EPR3653)-144Nd

Pathologist-Verified Clone for Imaging Mass Cytometry™

Catalog number: 3144025D
Package size and concentration: 25 µg, 0.5 mg/mL
Clone: EPR3653
Isotype: Rabbit IgG
Pathologist-verified on: Human FFPE
Fluidigm tested on: Human FFPE, Mouse FFPE

Reported reactivity: Human
Formulation: Antibody stabilizer with 0.05% sodium azide
Storage: Store at 4 °C. Do not freeze.
Application: IMC paraffin

Technical Information

Description: CD14, also known as the LPS co-receptor, is a glycosylphosphatidylinositol (GPI)-linked membrane glycoprotein. CD14 is expressed at high levels on antigen-presenting innate immune cells including monocytes and macrophages, and at lower levels on granulocytes. It has also been reported to be expressed on some dendritic cell subpopulations.

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.