Anti-CD4 (EPR6855)-156Gd

Pathologist-Verified Clone for Imaging Mass Cytometry™

Catalog number: 3156033D
Package size and concentration: 25 µg, 0.5 mg/mL
Clone: EPR6855
Isotype: Rabbit IgG
Pathologist-verified on: Human FFPE
Fluidigm tested on: Human FFPE, Mouse FFPE

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

Technical Information

Description: CD4, also known as T4, is a transmembrane glycoprotein expressed on the helper subset of T cells (thymocytes) and on immature T cells in the thymus, and weakly on monocytes and dendritic cells. CD4 helps recognize antigens associated with MHC class II molecules via initiation of signal transduction and control of cell-to-cell interaction.

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: 1:100 to 1:400

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.