Anti-Human CD223/LAG-3-153Eu

Pathologist-Verified Clone for Imaging Mass Cytometry™

Catalog: 3153028D
Package size and concentration: 25 µg, 0.5 mg/mL
Storage: Store at 4 °C. Do not freeze.
Reactivity: Human

Clone: D2G40
Isotype: Rabbit IgG
Formulation: Antibody stabilizer with 0.05% sodium azide
Application: IMC-Paraffin

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

Lymphocyte activation gene 3 (LAG-3), also known as CD223, is a 70 kDa surface glycoprotein belonging to the Ig superfamily. LAG-3 shares homology with CD4, and LAG-3 binding to MHC class II is thought to contribute to the negative regulation of T cell activation. LAG-3 is expressed on T cells, including regulatory T cells and NK cells. Recently, it has been suggested that co-expression of CD49b and LAG-3 identifies human and mouse type 1 regulatory T (Tr1) cells. The D2G40™ monoclonal antibody recognizes endogenous levels of total LAG-3 protein.

References


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