Anti-Human CD73-158Gd

Pathologist-Verified Clone for Imaging Mass Cytometry™

Catalog: 3158031D
Package size and concentration: 25 µg, 0.5 mg/mL
Storage: Store at 4 °C. Do not freeze.
Reactivity: Human

Clone: EPR6115
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**

CD73, also known as ecto-5’-nucleotidase, is a 70 kDa glycosphatidylinositol (GPI)-linked 5’-nucleotidase. CD73 is expressed on bone marrow-derived multipotent mesenchymal stem cells (MSCs) and is one of the 3 positive markers for identifying MSCs. CD73 is expressed on subsets of follicular dendritic cells, epithelial cells, endothelial cells and T and B lymphocytes, where its expression increases during lymphocyte maturation. CD73 catalyzes the dephosphorylation of adenosine monophosphate (AMP), converting it to adenosine. There is also evidence that CD73 can mediate costimulatory signals in T cell activation and adhesion of lymphocytes to endothelium.

References


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