Anti-Human CD326/EpCAM-144Nd

Pathologist-Verified Clone for Imaging Mass Cytometry

Catalog: 3144026D
Package size and concentration: 25 µg, 0.5 mg/mL
Storage: Store at 4 °C. Do not freeze.
Reactivity: 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) and frozen 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
IMC frozen: 1:50 to 1:200

Description

CD326, also known as epithelial cell adhesion molecule (EpCAM), tumor-associated calcium signal transducer 1 (TACSTD1), epithelial cell surface antigen, epithelial glycoprotein-2 (EGP-2), adenocarcinoma-associated antigen, and TROP1, is a type I transmembrane protein. CD326 functions as a homotypic calcium-independent cell adhesion molecule and is believed to be involved in carcinogenesis by inducing genes involved in cellular metabolism and proliferation. It is highly expressed in bone marrow, colon, lung, and most epithelial cells and on carcinomas of gastrointestinal origin.

References


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