Anti-Human CD45-152Sm

Pathologist-Verified Clone for Imaging Mass Cytometry

Catalog: 3152018D
Package size and concentration: 25 µg, 0.5 mg/mL
Storage: Store at 4 ºC. Do not freeze.
Reactivity: Human

Clone: D9M8I
Isotype: Rabbit IgG
Formulation: Antibody stabilizer with 0.05% sodium azide
Application: IMC paraffin, IMC frozen

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: 1:50 to 1:200
IMC frozen: 1:50 to 1:200

Description

CD45, also known as leukocyte common antigen (LCA) and T200, is a type I transmembrane glycoprotein. It is expressed on the plasma membrane of all hematopoietic cells except mature red blood cells and platelets. Its intracellular domain is a tyrosine phosphatase that serves to regulate signal transduction in most hematopoietic cells.

References


For technical support visit techsupport.fluidigm.com. | For general support visit fluidigm.com/support.

For Research Use Only. Not for use in diagnostic procedures.

This product contains antibodies manufactured by and sold under license from CST™ and licensees thereof.

Information in this publication is subject to change without notice. Safety data sheet information: fluidigm.com/sds. Patent and license information: fluidigm.com/legal/notices. Limited Use Label License: The purchase of this Fluidigm Instrument and/or Consumable product conveys to the purchaser the limited, nontransferable right to use with only Fluidigm Consumables and/or Instruments respectively except as approved in writing by Fluidigm. Trademarks: Fluidigm, the Fluidigm logo, Hyperion, Imaging Mass Cytometry, and IMC are trademarks and/or registered trademarks of Fluidigm Corporation in the United States and/or other countries. All other trademarks are the sole property of their respective owners. © 2019 Fluidigm Corporation. All rights reserved. 11/2019