

Technical Data Sheet

iF488 Anti-human CD9

Catalog Number: 109603, 109604

Size: 25 tests, 100 tests

Target Name: CD9, MRP-1, Tetraspanin-29, DRAP-24

Regulatory Status: RUO

Product Details

Clone: HI9a

Application: FC

Reactivity: Human

Format: iF488

Isotype: Mouse IgG1

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA

Protein Concentration: Supplied at a lot-specific concentration.

Storage&Handling: The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.

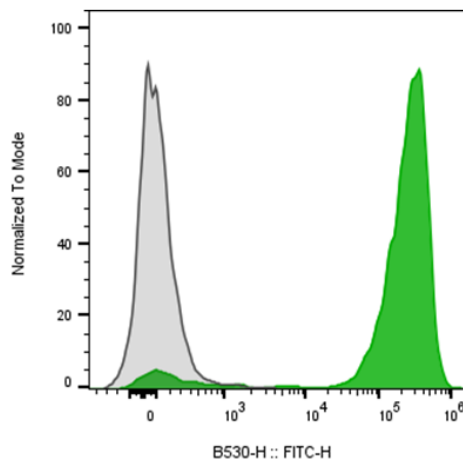
Recommended Usage: For flow cytometric staining, it is recommended to use 5 µL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.

Excitation Laser: Blue Laser (488 nm)

Background Information

CD9 is a ~24 kDa cell surface glycoprotein that belongs to the tetraspanin family, a group of membrane proteins characterized by four transmembrane domains. It is also known as Motility-Related Protein-1 (MRP-1), Tetraspanin-29, or DRAP-24. CD9 is widely expressed on hematopoietic and non-hematopoietic cells and participates in multiple biological processes including adhesion, migration, signaling, and immune regulation.

Product Data



Human peripheral blood platelets stained with either iF488 Anti-human CD9 clone HIB9a (green histogram) or an isotype control (gray histogram).