

Technical Data Sheet

Anti-Human CD56

Catalog Number: 102401, 102402
Size: 25 ug, 100 ug
Target Name: CD56, Leu-19, NKH1
Regulatory Status: RUO

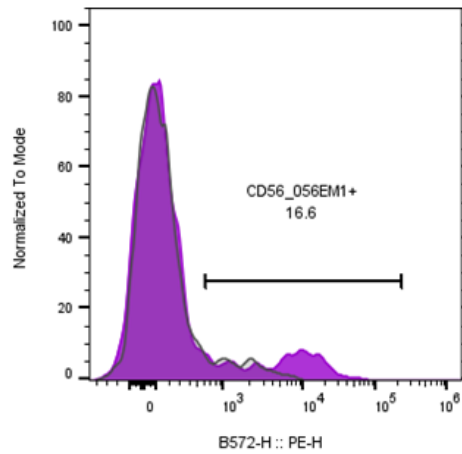
Product Details

Clone: 056EM1
Application: FC
Reactivity: Human
Format: Purified
Isotype: Mouse IgG1
Antibody Type: Monoclonal
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Protein Concentration: 0.5 mg/mL
Storage and Handling: The antibody solution should be stored between 2°C and 8°C
Recommended Usage: For flow cytometric staining, it is recommended to use less than 0.25 ug 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

Background Information

Neural cell adhesion molecule (NCAM), also called CD56. It is a member of the Ig superfamily. The 140 kD isoform is expressed on NK cells and NK-T cells. CD56 is also expressed in the brain (cerebellum and cortex) and at neuromuscular junctions. Certain large granular lymphocyte (LGL) leukemias, small-cell lung carcinomas, neuronal derived tumors, myelomas, and myeloid leukemias also express CD56. CD56 plays a role in homophilic and heterophilic adhesion via binding to itself or heparin sulfate.

Product Data



Human peripheral blood lymphocytes stained either with purified Anti-Human CD56 clone 056EM1 (purple histogram) or an isotype control (gray histogram), followed by PE anti-mouse IgG 2nd antibody.