

Technical Data Sheet

Anti-Human CD38

Catalog Number: 109201, 109202

Size: 100 ug, 500 ug

Target Name: CD38, gp45, Cyclic ADP-ribose hydrolase 1, T10, ADP-ribosyl cyclase

Regulatory Status: RUO

Product Details

Clone: HIT2

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

Background Information

CD38 (ADP-ribosyl cyclase 1) is a Type II membrane protein involved in calcium signaling through the conversion of NAD(P)⁺ into cADPR, NAADP⁺, and ADP-ribose. It is broadly expressed in immune cells and various tissues, and is linked to immune regulation, cancer, and metabolic disorders. CD38 also serves as a prognostic marker in leukemia.