

InnoCyto Inc.

15375 Barranca Pkwy, Suite I-103 Irvine, CA 92618

Technical Data Sheet

Anti-Mouse/Human CD44

Catalog Number: 202101, 202102

Size: 100 ug, 500 ug

Target Name: CD44, Epican, Extracellular matrix receptor III (ECMR-III), Phagocytic glycoprotein 1

(PGP-1)

Regulatory Status: RUO

Product Details

Clone: IM7 Application: FC

Reactivity: Human, Mouse

Format: Purified Isotype: Rat IgG2b

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide

Protein Concentration: 0.5 mg/mL

Storage&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 0.2 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

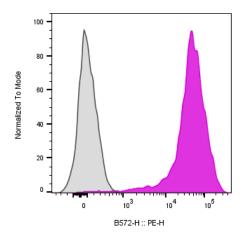
CD44 is an 80–100 kDa type I transmembrane glycoprotein and a member of the cell adhesion molecule family. It acts as a receptor for hyaluronic acid (HA) and mediates cell-cell interactions, adhesion, migration, and signal transduction. CD44 exists in multiple isoforms generated through alternative splicing, which contributes to its functional diversity.

Product Data



InnoCyto Inc.

15375 Barranca Pkwy, Suite I-103 Irvine, CA 92618



Mouse splenocytes stained with either purified Anti-Mouse/Human CD44 clone IM7 (color-filled histogram) or an isotype control (gray histogram), followed by secondary PE anti-rat IgG.