

# InnoCyto Inc.

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

## **Technical Data Sheet**

Anti-Mouse CD150

Catalog Number: 202001, 202002

Size: 100 ug, 500 ug

Target Name: CD150, SLAM, IPO-3

Regulatory Status: RUO

### **Product Details**

Clone: TC15-12F12.2
Application: FC
Reactivity: Mouse
Format: Purified
Isotype: Rat IgG2a

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  $\mu$ L volume. Optimal reagent performance should be

determined by titration for each specific application.

### **Background Information**

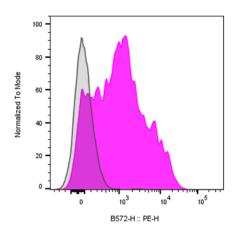
CD150 is a 75–95 kDa type I single-chain transmembrane glycoprotein and a member of the CD2 subset of the immunoglobulin (Ig) superfamily. It functions as a self-ligand, a co-stimulatory receptor for T and B cells, and as a pathogen receptor for measles virus (MV). CD150 also plays roles in hematopoietic stem cell biology and immune regulation.

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Mouse splenocytes stained with either purified Anti-mouse CD150 clone TC15-12F12.2 (color-filled histogram) or an isotype control (gray histogram), followed by secondary PE anti-rat IgG.