

Datasheet for ABIN7457108 **anti-SLAMF1 antibody (PE)**

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Overview

Quantity:	25 µg
Target:	SLAMF1
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This SLAMF1 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Clone:	TC15-12F12-2
Isotype:	IgG2a, lambda

Target Details

Target:	SLAMF1
Alternative Name:	CD150 (SLAMF1 Products)
Background:	Slam,Slamf1,CD 150,Signaling lymphocytic activation molecule,CD150 is a 75-95 kD member of the immunoglobulin superfamily, also known as SLAM (signaling lymphocyte activation molecule) or IPO-3. CD150, a single chain type I transmembrane molecule, is expressed on thymocytes, T cell subsets, B cells, dendritic cells, and endothelial cells. The expression is upregulated upon activation. CD150 expression has been shown to be maintained on Th1 but not Th2 clones. T regulatory cells express a relatively high level of CD150. Antibodies against

Target Details

CD150 have been shown to augment IFN- γ production by Th1 cells, especially when co-stimulated through the TCR. CD150 associates with the src homology 2-domain-containing protein tyrosine phosphatase SHP-2, and this association is thought to be involved in signal transduction. In combination with CD48, CD150 is a useful marker for hematopoietic stem cell studies.

Gene ID: 27218

UniProt: [Q9QUM4](#)

Application Details

Application Notes: Check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 $\mu\text{g}/10^6$ cells in 100 μL volume].

Comment: Matching Isotype Control: PE Rat IgG2a, λ Isotype Control (ABIN7469708)

Restrictions: For Research Use only

Handling

Concentration: 0.2 mg/mL

Buffer: PBS with 0.05 % Proclin300, 1 % BSA

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.