

anti- CD150 antibody(PE)

Product Information

Catalog No.:	FNab09790
Size:	100 μ g
Form:	liquid
Purification:	Protein G purified
Purity:	\geq 95% as determined by SDS-PAGE
Conjugation:	Phycoerythrin (PE)
Host:	Rat
IsoType:	IgG1
Storage:	PBS, 0.09% Sodium Azide, 1% BSA, 5% Sucrose, Store at 4° C . DO NOT FREEZE. Protect from light. This product may contain precipitation. Recommend microcentrifugation before use.

Background

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. Tregulatory cells express a relatively high level of CD150. Antibodies against CD150 have been shown to augment IFN-g 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.

Immunogen information

Immunogen:	signaling lymphocytic activation molecule family member 1
Synonyms:	CDw150 , Slamf1 , Slam , ESTM51 , IPO-3 , 4933415F16 , AA177906
Uniprot ID :	Q9QUM4

Application

Specificity:	mouse; other species are not tested. Please decide the specificity by homology
Tested Application:	FC
Recommended dilution:	1: 10-1: 50. Optimal dilutions/concentrations should be determined by the researcher.

Image:



FineTest

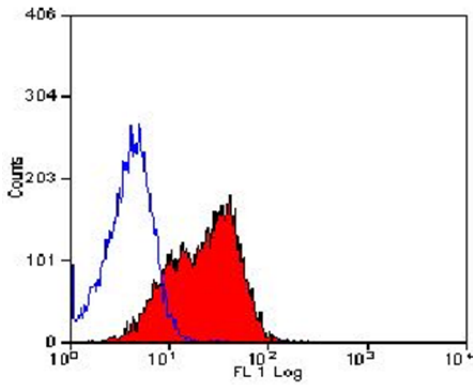
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FACS analysis of mouse thymus cells using FNab09790(CD150 antibody), use 10 μ l of the suggested working dilution to label 10⁶ cells in 100 μ l.