

## anti- CD150 antibody(PE conjugated)

### Product Information

Catalog No.:	FNab09790
Size:	100µg
Form:	liquid
Purification:	Protein G purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rat
Clonality:	monoclonal
Clone ID:	3B6
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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
Observed MW:	11kd
Uniprot ID :	Q9QUM4

### Wuhan Fine Biotech Co., Ltd.

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**Application**

Reactivity: Mouse

Tested Application: FC

Recommended dilution: 1: 10-1: 50

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