

CD81 Mouse anti-Mouse Monoclonal (PE) (Eat2) Antibody - LS-C62535 - LSBio

CatalogID:	LS-C62535
Target:	CD81 molecule
Synonyms:	CD81 Antibody, CD81 antigen Antibody, CD81 molecule Antibody, CVID6 Antibody, S5.7 Antibody, TAPA1 Antibody, TAPA-1 Antibody, Tetraspanin-28 Antibody, TSPAN28 Antibody, Tspan-28 Antibody
Family / Subfamily:	Tetraspan / not assigned-Tetraspan
Host	CD81 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Clone Name:	Eat2
Conjugations:	Phycoerythrin (PE)
Immunogen Species:	CD81 antibody was raised against Mouse
Specificity:	reacts with the extracellular loops of murine CD81 (TAPA-1) molecule. As a member of the tetraspanin superfamily of cell-surface proteins, CD81 has been linked to the control of cell proliferation, adhesion and motility. CD81 is expressed in higher levels on resting murine B cells than on resting T cells and is functionally active on B cells as it induces homotypic adhesion of B lymphocytes. Unlike human CD81, which is expressed equally on all thymocytes, murine CD81 is upregulated on CD4+CD8+ thymocytes, then down-regulated again on mature single-positive thymocytes. Murine dendritic cells, splenic macrophages and NK cells all express very high levels of CD81. CD81 has also been involved in the induction of IL-4 secretion from T cells during Th2 immune responses. It has been reported that CD81 expression can also be induced in mature T cells upon activation. This anti-CD81 mAb has been shown to decrease the proliferation of LPS stimulated CD81+/+ B cells to levels similar to that of CD81-/- B cells
Reactivity:	Mouse
Purification:	Purified
Presentation:	PBS, 0.02% sodium azide, EIA grade BSA.
Uses:	Flow Cytometry (Optimal dilution to be determined by the researcher)
Size:	50 µg or 300 µg
Requested From:	Japan

Laboratory Reagent For In Vitro Research Use Only

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