Data Sheet (Cat.No.TMAY-02703F)

TargetMol

Anti-CD81 Antibody-FITC (8P60)

Product Details

Ig Type:	Mouse IgG2b
Reactivity:	Human
Conjugation:	FITC
Clone:	8P60
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of Human CD81 expression on human whole blood lymphocytes. Cells were stained with FITC-conjugated anti-Human CD81. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of viable lymphocytes.
Application:	FCM
Recommended	5 μl/Test, 0.1 mg/ml

Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human CD81 / TAPA-1 Protein (TMPY-03890)
Antigen Species:	Human
Synonyms:	CD81 molecule;Tapa-1;Tapa1;Tspan28

Research Background

CD81, also known as TAPA-1, belongs to the transmembrane 4 superfamily, also known as the tetraspanin family. Members of this family mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility.CD81 is a widely expressed cell-surface protein involved in an astonishing variety of biologic responses. It is related to adhesion, morphology, activation, proliferation, and differentiation of B, T, and other cells. On B cells CD81 is part of a complex with CD21, CD19, and Leu13. This complex reduces the threshold for B cell activation via the B cell receptor by bridging Ag specific recognition and CD21-mediated complement recognition.

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