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

TargetMol

Anti-CD81 Antibody-PE (8P60)

Product Details

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

Applications

Verified Activity:	Flow cytometric analysis of Human CD81 expression on human whole blood lymphocytes. Cells were stained with PE-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. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.
Shipping:	Shipping with blue ice.

Antigen Details

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

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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481