

Product datasheet for **TA386381**

TAPA1 (CD81) Rabbit Monoclonal Antibody [Clone ID: 1.3.3.22]

Product data:

Product Type: Primary Antibodies

Clone Name: 1.3.3.22

Applications: FC, IF, IHC, WB

Reactivity: Human, Mouse, Rat

Host: Rabbit

Isotype: IgG, kappa

Clonality: Monoclonal

Immunogen: This antibody was raised by immunizing mice with a B-Cell line derived from a Burkitt lymphoma.

Specificity: 1.3.3.22 antibody recognizes CD81. Human CD81 is a member of the tetraspanin family of leukocyte cell surface molecules which are involved in signal transduction, cell-cell adhesion and cellular activation. CD81 also acts as a receptor for the envelope protein E2 of chronic hepatitis C virus. It is present on a wide variety of leukocytes.

Antibodies to CD81 have anti-proliferative effects on different lymphoid cell lines, particularly those derived from large cell lymphomas and thus 1.3.3.22 can be used as a research antibody in the studies on lymphoma therapeutics. This antibody is also recommended in the detection and analysis of CD81 via various methods. For instance, 1.3.3.22 antibody was used in the identification of CD81 in human arteries by immunohistochemistry (Rohlena et al., 2009). 1.3.3.22 was also successfully utilized during flow cytometric detection of CD81 on KM3 cells (Higginbottom et al., 2000).

Formulation: PBS with 0.02% Proclin 300.

Concentration: lot specific

Conjugation: Unconjugated

Storage: Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.

Stability: 3 years from dispatch.

Gene Name: CD81 molecule



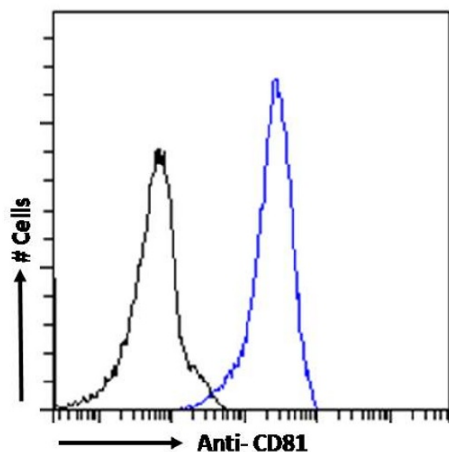
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Database Link: [Entrez Gene 975 Human P60033](#)

Synonyms: S5.7; TAPA-1; TAPA1; Tetraspanin-28; Tspan-28; TSPAN28

Note: This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Product images:



Flow cytometry using the Anti-CD81 antibody 1.3.3.22 (TA386381). Paraformaldehyde fixed Daudi cells were stained with anti-unknown specificity antibody ([TA385792]; isotype control, black line) or the rabbit IgG version of 1.3.3.22 (TA386381, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.