

## Product datasheet for **TA386380**

### **TAPA1 (CD81) Mouse 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:** Mouse

**Isotype:** IgG1, 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



[View online »](#)

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

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