

## Product datasheet for **SM1577LE**

### TAPA1 (CD81) Mouse Monoclonal Antibody [Clone ID: 1D6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	1D6
Applications:	FC, FN, IHC, IP
Recommended Dilution:	Flow cytometry: 1/10; use 10 µl of suggested dilution to label 10e6 cells in 100 µl. Immunohistochemistry on paraffin sections. Immunoprecipitation. Functional Assays.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	OCI-LY8 cells aggregated by 5A6 (another CD81 antibody). Spleen cells from immunised BALB/c mice were fused with cells of the mouse PX3-Ag.8.653 myeloma cell line.
Specificity:	This antibody recognises CD81 and a member of the tetraspanin family. This antibody is a potent CD81 reagent, induces homotypic adhesion and has powerful anti-proliferative effects.
Formulation:	PBS, pH 7.4 State: Low Endotoxin State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD81 molecule
Database Link:	<a href="#">Entrez Gene 975 Human P60033</a>



[View online »](#)

<b>Background:</b>	CD81, a 26 kD cell surface antigen, is widely expressed on human leucocytes and appears to be involved in a variety of cellular processes including adhesion, activation, proliferation and differentiation.
<b>Synonyms:</b>	S5.7; TAPA-1; TAPA1; Tetraspanin-28; Tspan-28; TSPAN28
<b>Note:</b>	Endotoxin Level: less than 0.01 Eu/ $\mu$ g