

Product datasheet for **SM1577PT**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	1D6
Applications:	FC, IHC, IP
Recommended Dilution:	Flow Cytometry: 1/5-1/10. Immunoprecipitation. Immunohistochemistry on Frozen Sections.
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, pH7.4 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD81 molecule
Database Link:	Entrez Gene 975 Human P60033



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Background: CD81 is a 26kD cell surface antigen also known as TAPA-1. CD81 is widely expressed on human leucocytes and appears to be involved in a variety of cellular leucocytes including activation, proliferation and differentiation.

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