

Product datasheet for **SM1577F**

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

Product data:

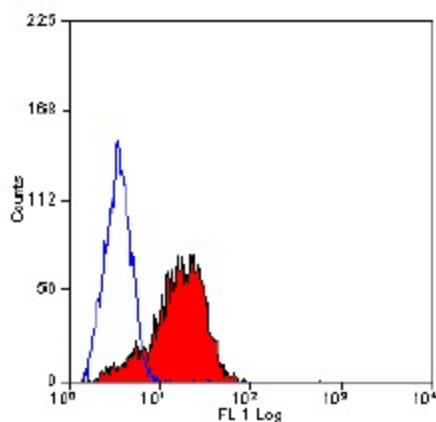
Product Type:	Primary Antibodies
Clone Name:	1D6
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 10 ⁶ cells in 100 µl.
Reactivity:	Goat, Human, Monkey, Sheep
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	OCI-LY8 cells aggregated by 5A6 (another 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, a 26 kD cell surface antigen also known as TAPA-1, and a member of the tetraspanin family. Clone 1D6 is a potent CD81 reagent that induces homotypic adhesion and has powerful anti proliferative effects.
Formulation:	PBS, pH 7.4 Label: FITC State: Liquid Ig fraction fraction Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



[View online »](#)

Gene Name:	CD81 molecule
Database Link:	Entrez Gene 975 Human P60033
Background:	CD81 is widely expressed on human leucocytes and appears to be involved in a variety of cellular processes, including adhesion, activation, proliferation and differentiation.
Synonyms:	S5.7; TAPA-1; TAPA1; Tetraspanin-28; Tspan-28; TSPAN28

Product images:



Staining of human peripheral blood lymphocytes with Mouse anti human CD81-FITC.