

Product datasheet for **SM1526PT**

CD81 / TAPA1 Hamster Monoclonal Antibody [Clone ID: Eat2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Eat2
Applications:	ELISA, FC, IHC, IP, WB
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/50-1/100 diluted antibody to label 10e6 cells in 100 µl). Immunoprecipitation. Immunohistochemistry on Frozen Sections. ELISA. Western Blot. Not suitable for Paraffin Embedded Sections.
Reactivity:	Mouse, Rat
Host:	Hamster
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	38C13, murine B cell line
Specificity:	This antibody recognises CD81, a 26kD cell surface glycoprotein.
Formulation:	PBS, pH 7.4 with 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. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD81 antigen
Database Link:	Entrez Gene 12520 Mouse P35762



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- Background:** In rodents CD81 is expressed at much higher levels on resting B cells than on T cells, although increased expression on T cells is found following activation. Eat 2 induces homotypic aggregation of B cells and inhibits anti Ig and IL-4 induced proliferation. Eat 2 requires the presence of both extracellular loops of TAPA-1 for binding.
- Synonyms:** S5.7; TAPA-1; TAPA1; Tetraspanin-28; Tspan-28; TSPAN28