

Product datasheet for **SM1526PS**

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:	ELISA. Western Blot. Flow Cytometry: Use 10 µl of 1/10-1/50 diluted antibody to label 10e6 cells in 100 µl. Immunoprecipitation. Immunohistochemistry on Frozen Sections. Not suitable for Paraffin Embedded Sections.
Reactivity:	Mouse
Host:	Hamster
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	38C13, murine B cell line.
Specificity:	This antibody recognises CD81, a 26kD cell surface glycoprotein.
Formulation:	PBS buffer 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. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD81 antigen
Database Link:	Entrez Gene 12520 Mouse P35762



[View online »](#)

- 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