

Product datasheet for **SM1526R**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	Eat2
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 10e6 cells in 100 µl. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.
Reactivity:	Mouse
Host:	Hamster
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	38C13, murine B cell line. Spleen cells from immunised Armenian hamsters were fused with cells of the mouse PX3-Ag.8.653 myeloma cell line.
Specificity:	This antibody recognises and CD81. 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.
Formulation:	PBS, pH7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: PE State: Lyophilized purified IgG fraction. Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1.0 ml distilled water.
Purification:	Affinity Chromatography on Protein G.
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD81 antigen



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Database Link: [Entrez Gene 12520 Mouse P35762](#)

Background: CD81 is a 26kD cell surface glycoprotein that is also known as TAPA-1. 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.

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