**OriGene Technologies, Inc.**
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

# Product datasheet for SM1526F

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

## Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Clone Name:** | Eat2 |
| **Applications:** | FC |
| **Recommended Dilution:** | Flow Cytometry: 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, pH 7.4, containing 1% BSA as stabilizer and 0.09% Sodium Azide as preservative. Label: FITC State: Liquid purified IgG fraction. 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. |
| **Gene Name:** | CD81 antigen |
| **Database Link:** | Entrez Gene 12520 Mouse P35762 |

View online »

**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

## Product images:
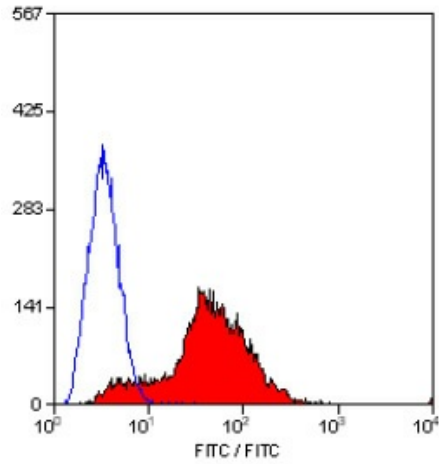


Staining of Mouse spleen cells with Hamster Anti Mouse CD81-FITC (SM1526F/FT).