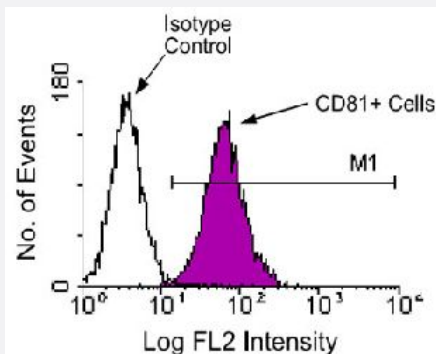


Cd81 monoclonal antibody, clone 2F7 (PE)

Catalog # MAB5793 Size 100 ug

Applications



Flow Cytometry

The A-20 cell line, a murine B cell lymphoma, was stained with Cd81 monoclonal antibody, clone 2F7 (PE) (Cat # MAB5793) or hamster IgG-R-PE isotype control, following which the cells were analyzed for the expression of CD81 on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Hamster monoclonal antibody raised against native Cd81.
Immunogen	Native purified Cd81 from mouse epithelial cell line PAM212.
Host	Hamster
Reactivity	Mouse
Specificity	Mouse CD81 (Mr 25 KDa), a member of the transmembrane 4 integral membrane protein family.
Form	Liquid
Conjugation	PE
Isotype	IgG, group 3, kappa
Recommend Usage	Flow Cytometry (0.2 ug/10 ⁶ cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)

Storage Instruction

Store in the dark at 4°C. Do not freeze.
Avoid prolonged exposure to light.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- Immunoprecipitation
- Flow Cytometry

The A-20 cell line, a murine B cell lymphoma, was stained with Cd81 monoclonal antibody, clone 2F7 (PE) (Cat # MAB5793) or hamster IgG-R-PE isotype control, following which the cells were analyzed for the expression of CD81 on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Gene Info — Cd81

Entrez GeneID [12520](#)

Gene Name Cd81

Gene Alias Tapa-1, Tapa1, Tspan28

Gene Description CD81 antigen

Gene Ontology [Hyperlink](#)

Other Designations CD 81 antigen

Publication Reference

- [A role for CD81 in early T cell development.](#)

Boismenu R, Rhein M, Fischer WH, Havran WL.

Science 1996 Jan; 271(5246):198.

Application: Flow Cyt, Mouse, CHO-K1 cells

- [Genomic organization and chromosomal localization of the TAPA-1 gene.](#)

Andria ML, Hsieh CL, Oren R, Francke U, Levy S.

Journal of Immunology 1991 Aug; 147(3):1030.