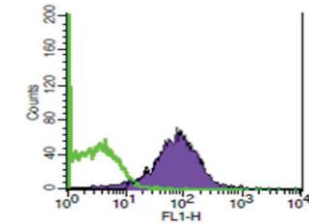
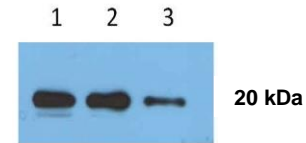


## Anti-human CD81 Antibody

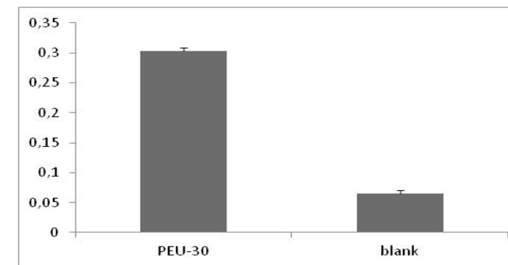
<b>ALTERNATE NAMES:</b>	CD81; TAPA1 (target of anti-proliferative antibody-1)
<b>CATALOG NO.:</b>	A1504-100
<b>AMOUNT:</b>	100 µg
<b>HOST:</b>	Mouse
<b>ISOTYPE:</b>	Mouse IgG1
<b>CLONALITY:</b>	Mouse Monoclonal Unconjugated
<b>IMMUNOGEN:</b>	MOLT-4 (human T-ALL cell line)
<b>PURIFICATION:</b>	>95%, purified from hybridoma supernatant by protein A affinity chromatography.
<b>MOLECULAR WEIGHT:</b>	Predicted molecular weight: 26 kDa
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	1 mg/ml in Phosphate buffered saline (PBS) with sodium azide (15 mM), Approx. pH: 7.4
<b>SPECIES REACTIVITY:</b>	Human
<b>STORAGE CONDITIONS:</b>	Store undiluted at 4°C. DO NOT FREEZE! Do not use after expiration date stamped on vial label.
<b>DESCRIPTION:</b>	CD81 (TAPA1), a member of the tetraspanin family, is virtually expressed on all nucleated cells, but in particular on germinal center B cells. CD81 forms complexes with other tetraspanin proteins, integrins and co-receptors. In muscles, CD81 promotes cell fusion and myotube maintenance. CD81 has been also identified as a receptor for the hepatitis C virus.
<b>SPECIFICITY:</b>	WB (1:500), ELISA (1:500), Fluorescent-Activated Cell Sorting (FACS)
<b>APPLICATIONS:</b>	Western Blot (WB) (using non-reducing conditions) Enzyme-Linked Immunosorbent Assay (ELISA) Fluorescent-Activated Cell Sorting (FACS)

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



**Detection of CD81 by Western blotting.**  
1- MM1 (melanoma cell) lysate (20 µg). 2- MM1 cells purified exosomes (20 µg). Plasma healthy donors purified exosomes (20 µg).

**Detection of CD81 by FACS.** CD81 staining of COLO1 cell purified exosomes.



**Detection of CD81 by ELISA.** CD81 detection on purified exosomes from urine (PEU), 30 µg.

### RELATED PRODUCTS:

- Other exosome specific antibodies (Cat. No. 1500-50 to Cat. No. 1515-50)

**FOR RESEARCH USE ONLY! Not to be used on humans.**