

Datasheet for ABIN6941281

## Recombinant anti-CD81 antibody



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### 4 Images

#### Overview

Quantity:	100 µg
Target:	CD81
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD81 antibody is un-conjugated
Application:	ELISA, Coating (Coat)

#### Product Details

Immunogen:	B-Cell line derived from a Burkitt lymphoma
Clone:	C81-2885R
Isotype:	IgG
Specificity:	Recognizes a protein of 26 kDa, identified as CD81 (Workshop VI, Code CD81.1)). CD81 has a very broad cellular distribution, being expressed on T- and B-lymphocytes, NK cells, thymocytes, eosinophils, fibroblasts, epithelial and endothelial cells. Neutrophils, erythrocytes and platelets are negative, while monocytes are variably positive. CD81 is a member of a family of tetraspan transmembrane proteins, including CD9, CD37, CD53, CD63, and CD82. It associates with CD19, CD21, Leu 13, and integrins on cell membrane and is involved in signal transduction in B lymphocyte development and cell adhesion. CD81 also acts as a receptor for the envelope protein E2 of chronic hepatitis C virus. Antibodies to CD81 have anti-proliferative effects on

## Product Details

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different lymphoid cell lines, particularly those derived from large cell lymphomas.

Purification: Purified by Protein A/G

## Target Details

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Target: CD81

Alternative Name: CD81 / TAPA-1 ([CD81 Products](#))

Molecular Weight: 26kDa

Gene ID: 975

UniProt: [P60033](#)

Pathways: [Inositol Metabolic Process](#), [Hepatitis C](#)

## Application Details

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Application Notes: Positive Control: Ramos, Daudi, Raji, U266, HUT-78, HUT-102, Jurkat, HL-60, KG1a, A293, A431, MG63 and human lymphocytes. Tonsil or Liver.

Known Application: ELISA (For coating, order Ab without BSA), Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

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Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

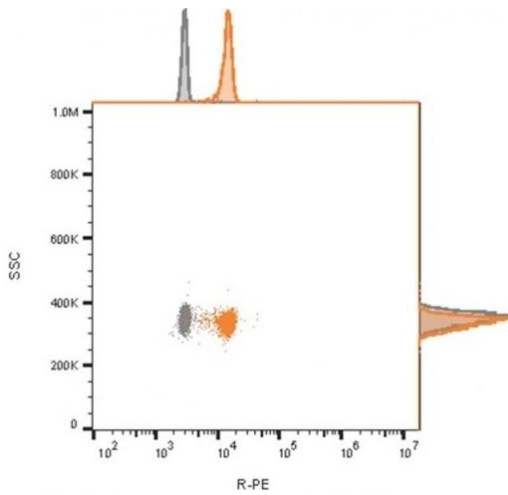
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

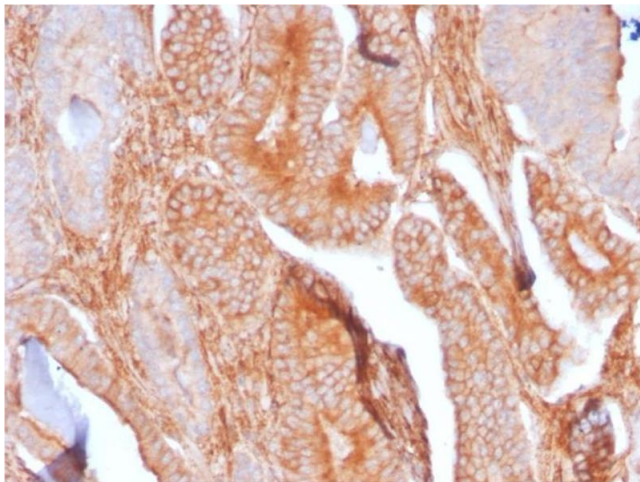
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



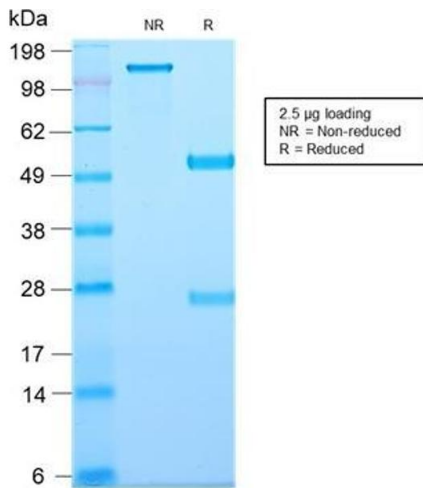
### Flow Cytometry

**Image 1.** Flow cytometry analysis of bead-bound exosomes derived from MCF-7 cells. Unstained exosomes (gray) or exosomes stained with CF568-labeled CD81 monoclonal antibody (2885R) (orange).



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with CD81 Rabbit Recombinant Monoclonal Antibody (C81/2885R).



### SDS-PAGE

**Image 3.** SDS-PAGE Analysis Purified CD81 Rabbit Recombinant Monoclonal Antibody (C81/2885R). Confirmation of Purity and Integrity of Antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6941281.