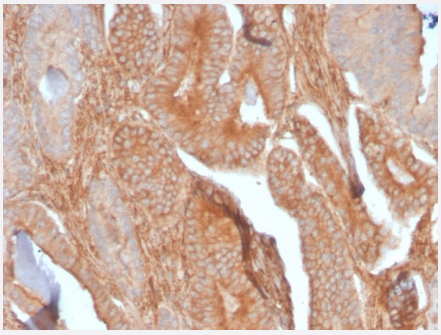
RecomAb™ Sm Size

CD81 recombinant monoclonal antibody, clone C81/2885R

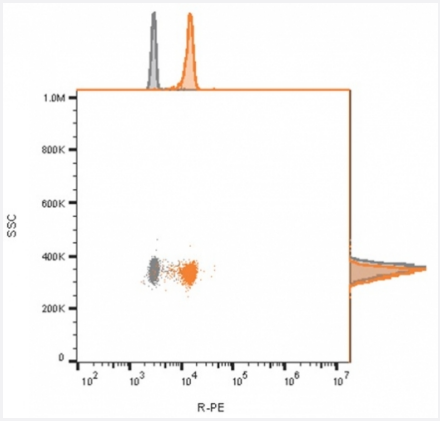
Catalog # RAB09045 Size 20 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human prostate carcinoma.



Flow Cytometry

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

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against full length human CD81.
Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to full-length human CD81.
Reactivity	Human, Mouse, Rat
Form	Liquid

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Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	ELISA (For coating) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA and 0.05% azide)
Storage Instruction	Store at 4°C.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human prostate carcinoma.

- Flow Cytometry

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Gene Info — CD81

Entrez GeneID	975
Protein Accession#	P60033
Gene Name	CD81
Gene Alias	S5.7, TAPA1, TSPAN28
Gene Description	CD81 molecule
Omim ID	186845
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known a s the tetraspanin family. Most of these members are cell-surface proteins that are characterized b y the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded prot ein is a cell surface glycoprotein that is known to complex with integrins. This protein appears to p romote muscle cell fusion and support myotube maintenance. Also it may be involved in signal tra nsduction. This gene is localized in the tumor-suppressor gene region and thus it is a candidate g ene for malignancies. [provided by RefSeq

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Other Designations	26 kDa cell surface protein TAPA-1|CD81 antigen|CD81 antigen (target of antiproliferative antibody 1)|target of antiproliferative antibody 1

Pathway

- B cell receptor signaling pathway

Disease

- Atherosclerosis
- Carcinoma
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hepatitis C
- Hodgkin Disease
- Kidney Failure
- Liver Neoplasms
- Lung Neoplasms
- Lymphoproliferative Disorders
- Multiple Myeloma
- Obesity
- Occupational Diseases
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Waldenstrom Macroglobulinemia
- Werner syndrome

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