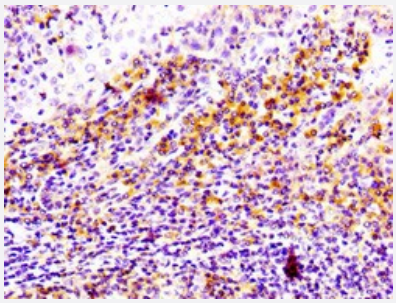
RecomAb™ Sm Size

CD81 recombinant monoclonal antibody, clone 9F7

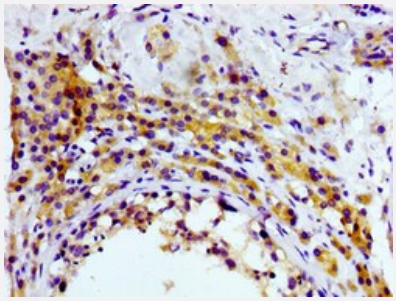
Catalog # RAB07994 Size 50 uL

Applications



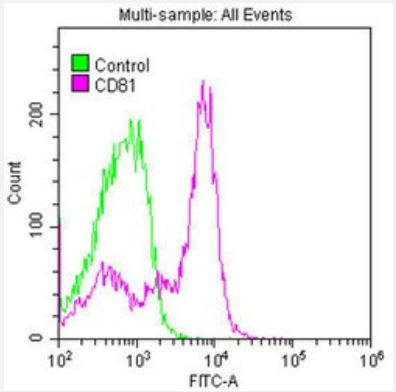
Immunohistochemistry

Immunohistochemical staining of human tonsil tissue with CD81 recombinant monoclonal antibody (diluated at 1:100).



Immunohistochemistry

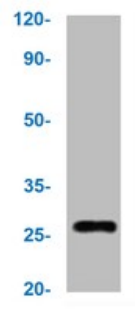
Immunohistochemical staining of human testis tissue with CD81 recombinant monoclonal antibody (diluated at 1:100).



Flow Cytometry

Flow cytometric analysis of Jurkat cells with CD81 recombinant monoclonal antibody (diluated at 1:50; purple line) and negative control (green line).

Copyright © 2023 Abnova Corporation. All Rights Reserved.



Western Blot

Western blot analysis of K562 whole cell lysate with CD81 recombinant monoclonal antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CD81.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CD81.
Theoretical MW (kDa)	Calculated MW: 26 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry Immunohistochemistry (1:50-1:500) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Immunohistochemistry

  Immunohistochemical staining of human tonsil tissue with CD81 recombinant monoclonal antibody (diluated at 1:100).

- Immunohistochemistry

  Immunohistochemical staining of human testis tissue with CD81 recombinant monoclonal antibody (diluated at 1:100).

- Flow Cytometry

  Flow cytometric analysis of Jurkat cells with CD81 recombinant monoclonal antibody (diluated at 1:50; purple line) and negative control (green line).

- Enzyme-linked Immunoabsorbent Assay

- Western Blot

  Western blot analysis of K562 whole cell lysate with CD81 recombinant monoclonal antibody.

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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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

Copyright © 2023 Abnova Corporation. All Rights Reserved.