

## Anti-CD81 Rabbit pAb



WLA0616

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-CD81 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:500-1:1000
	IHC、IF	1:50-1:200
<b>Cellular localization</b>	Cell membrane.	
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

## Background

Cd81 (also known as TAPA1 or TSPAN28) is a membrane protein in the tetraspanin superfamily, characterized by the presence of four conserved transmembrane regions. Many members of this superfamily are expressed on white blood cells and play important roles in signal transduction, intercellular interactions, cell activation and development, as well as regulation of growth and movement. CD81 is involved in signal transduction and cell adhesion in the immune system, and has been identified as an essential receptor for hepatitis C virus (HCV). This protein is considered a candidate gene for malignant tumors because its gene is located in the tumor suppressor gene region.

## Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of CD81.

## Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

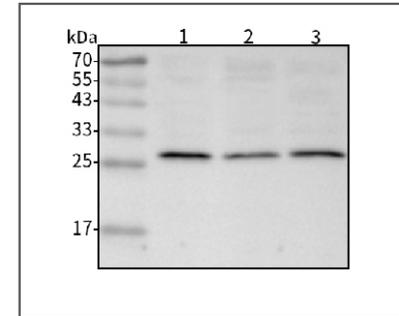
## Anti-CD81 Rabbit pAb



WLA0616

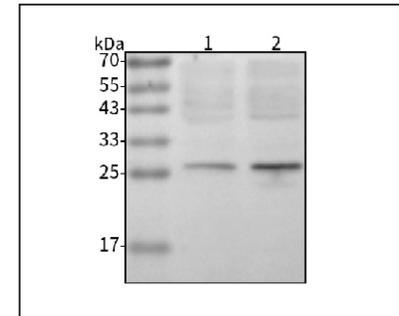
For Research Use Only. Not For Use In Diagnostic Procedures

## Product Images



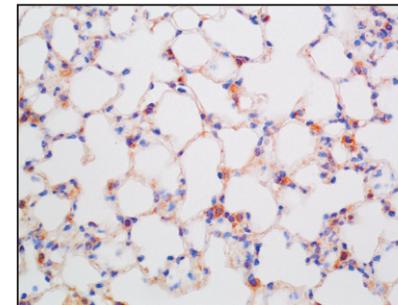
## Western blot-Anti-CD81 pAb

Lane 1: Human HCT116 cell lysate  
 Lane 2: Human TPC-1 cell lysate  
 Lane 3: Human A2780 cell lysate  
 All lanes: Anti-CD81 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 26 kDa  
 Observed band size: 26 kDa



## Western blot-Anti-CD81 pAb

Lane 1: Mouse spleen tissue lysate  
 Lane 2: Rat lymph gland tissue lysate  
 All lanes: Anti-CD81 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 26 kDa  
 Observed band size: 26 kDa



## Immunohistochemistry-Anti-CD81 pAb

Immunohistochemical analysis of paraffin-embedded mouse lung using anti-CD81 Rabbit Antibody at 1:100 dilution.  
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

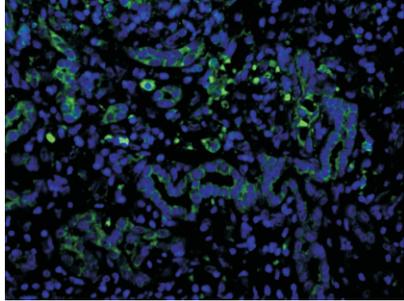
## Anti-CD81 Rabbit pAb



WLA0616

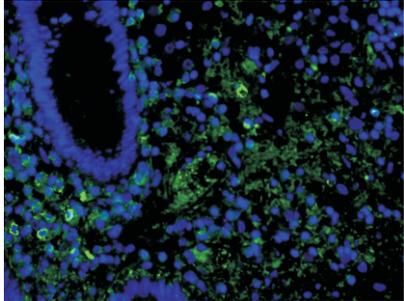
For Research Use Only. Not For Use In Diagnostic Procedures

### Product Information



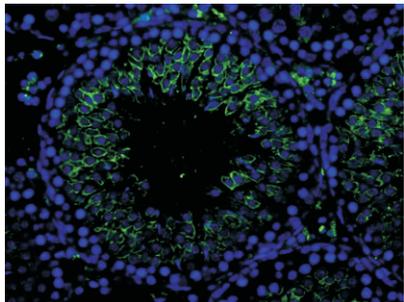
#### Immunofluorescence-Anti-CD81 pAb

Immunofluorescence analysis of paraffin-embedded human liver cancer using anti-CD81 Rabbit Antibody at 1:100 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-CD81 pAb

Immunofluorescence analysis of paraffin-embedded human colon cancer using anti-CD81 Rabbit Antibody at 1:100 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-CD81 pAb

Immunofluorescence analysis of paraffin-embedded rat testis using anti-CD81 Rabbit Antibody at 1:100 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

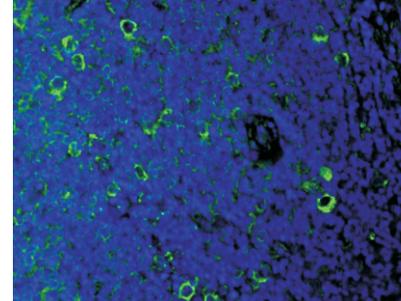
## Anti-CD81 Rabbit pAb



WLA0616

For Research Use Only. Not For Use In Diagnostic Procedures

### Product Information



#### Immunofluorescence-Anti-CD81 pAb

Immunofluorescence analysis of paraffin-embedded rat spleen using anti-CD81 Rabbit Antibody at 1:100 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0