

CD81 Rabbit pAb

CatalogNo: YT5394

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IF, WB, ELISA

MW

- 26kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

IF 1:50-200

WB 1:500-1:2000

ELISA 1:20000

Not yet tested in other applications

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from the Internal region of human CD81. AA range:111-160

Specificity

CD81 Polyclonal Antibody detects endogenous levels of CD81 protein.

Target Information

Gene name	CD81												
Protein Name	CD81 antigen												
	<table><tr><th>Organism</th><th>Gene ID</th><th>UniProt ID</th></tr><tr><td>Human</td><td>975;</td><td>P60033;</td></tr><tr><td>Mouse</td><td>12520;</td><td>P35762;</td></tr><tr><td>Rat</td><td>25621;</td><td>Q62745;</td></tr></table>	Organism	Gene ID	UniProt ID	Human	975 ;	P60033 ;	Mouse	12520 ;	P35762 ;	Rat	25621 ;	Q62745 ;
Organism	Gene ID	UniProt ID											
Human	975 ;	P60033 ;											
Mouse	12520 ;	P35762 ;											
Rat	25621 ;	Q62745 ;											
Cellular Localization	Cell membrane ; Multi-pass membrane protein . Basolateral cell membrane ; Multi-pass membrane protein . Associates with CLDN1 and the CLDN1-CD81 complex localizes to the basolateral cell membrane. .												
Tissue specificity	Expressed on B cells (at protein level) (PubMed:20237408). Expressed in hepatocytes (at protein level) (PubMed:12483205). Expressed in monocytes/macrophages (at protein level) (PubMed:12796480). Expressed on both naive and memory CD4-positive T cells (at protein level) (PubMed:22307619).												
Function	Function:May play an important role in the regulation of lymphoma cell growth. Interacts with a 16-kDa Leu-13 protein to form a complex possibly involved in signal transduction. May acts a the viral receptor for HCV.,PTM:Not glycosylated.,similarity:Belongs to the tetraspanin (TM4SF) family.,subunit:Plays a critical role in HCV attachment and/or cell entry by interacting with HCV E1/E2 glycoproteins heterodimer. Interacts directly with IGSF8.,tissue specificity:Hematolymphoid, neuroectodermal and mesenchymal tumor cell lines.,												

Validation Data

Contact information

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Please scan the QR code to access additional product information:
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