

## CD81 monoclonal antibody

Catalog: MB65806

Host: Mouse

Reactivity: Human

### BackGround:

CD81 belongs to the tetraspanin family, which is characterized by four transmembrane domains, one short extracellular domain (ECL1), and one long extracellular domain (ECL2). Tetraspanins interact with a variety of cell surface proteins and intracellular signaling molecules in specialized tetraspanin enriched microdomains (TEMs) where they mediate a range of processes including adhesion, motility, membrane organization, and signal transduction. CD81, like other tetraspanins, is enriched in exosomes. Many research studies demonstrate a role for CD81 in lymphocyte signaling. CD81 is also a well-characterized receptor for Hepatitis C Virus and facilitates the entry of the virus into target cells.

### Product:

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.

### Molecular Weight:

~ 25 kDa

### Swiss-Prot:

P60033

### Purification&Purity:

The monoclonal antibody was affinity-purified from mouse antiserum by affinity-chromatography using

epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IF (1/50 - 1/200)

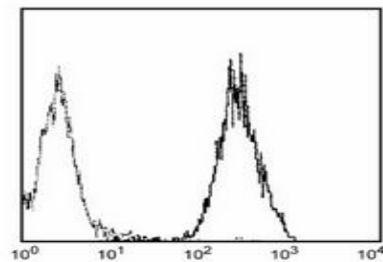
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Recognizes human CD81

### DATA:



Flow cytometric analysis of human peripheral blood lymphocytes using Anti-CD81 Antibody, followed by anti-mouse IgG PE.

### Note:

For research use only, not for use in diagnostic procedure.

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