



**MONOCLONAL ANTIBODY**

*For research use only, Not for diagnostic use.*

**Catalog No. SHI-EXO-M03-B**

**Anti CD81 [ Clone : 12C4]**

**BACKGROUND**

CD81 (TAPA-1) is a cell surface protein which belongs to the tetraspanin superfamily. CD81 is identified as a component of the B lymphocyte receptor (BCR) and as a receptor for the Hepatitis C Virus.

<b>Product type</b>	Primary antibody
<b>Immunogen</b>	Human CD81 (a.a 36-54)
<b>Raised in</b>	Mouse
<b>Myeloma</b>	-
<b>Clone number</b>	12C4
<b>Isotype</b>	IgG2a
<b>Source</b>	Culture supernatant
<b>Purification</b>	Affinity purified by Protein G
<b>Buffer</b>	Phosphate buffered saline containing 15 ppm ProClin
<b>Concentration</b>	1 mg / mL
<b>Volume</b>	100 uL
<b>Label</b>	Biotin
<b>Specificity</b>	Human CD81
<b>Cross reactivity</b>	Human. Other species is not tested.
<b>Storage</b>	Store below - 40°C Aliquot to avoid cycles of freeze/thaw.

- Application notes**
- **Western blotting:** 1/500 - 1/2,000 (0.5 – 2 ug/mL, non-reductive condition)
  - **Immunoprecipitation:** 1/200 – 1/1,000 (1- 5 ug/mL)
- Recommended dilutions**
- \* Experiment example : Serum and Culture supernatant Exosome

Other applications have not been tested.  
Optimal dilutions/concentrations should be determined by the end user.

**RELATED PRODUCT**

Product Name	Application	Quantity	Maker	Cat#
Anti CD9 (12A12) Monoclonal Antibody	WB / IP / ELISA	100 ug	CAC	SHI-EXO-M01
Anti CD63 (8A12) Monoclonal Antibody	WB / IP	100 ug	CAC	SHI-EXO-M02
Anti CD81 (12C4) Monoclonal Antibody	WB / IP	100 ug	CAC	SHI-EXO-M03

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