

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.

Product type	Primary antibody
Immunogen	Human CD81 (a.a 36-54)
Raised in	Mouse
Myeloma	-
Clone number	12C4
Isotype	IgG2a
Source	Culture supernatant
Purification	Affinity purified by Protein G
Buffer	Phosphate buffered saline containing 15 ppm ProClin
Concentration	1 mg / mL
Volume	100 uL
Label	Biotin
Specificity	Human CD81
Reactivity	Human and Bovine. No cross-reactivity with Rat and Mouse; Other species are not tested.
Storage	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)
Recommended dilutions	• Immunoprecipitation: 1/200 – 1/1,000 (1- 5 ug/mL) * 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

For research use only. Not for clinical diagnosis.**COSMO BIO CO., LTD.**

【JAPAN】
TOYO EKIMAE BLDG. 2-20, TOYO 2-CHOME,
KOTO-KU. TOKYO 135-0016, JAPAN
Phone: +81-3-5632-9610
FAX: +81-3-5632-9619
URL: <https://www.cosmobio.co.jp/>

**COSMO BIO USA**

【Outside Japan】
2792 Loker Ave West, Suite 101
Carlsbad, CA 92010, USA
email: info@cosmobiousa.com
Phone/FAX: (+1) 760-431-4600
URL: www.cosmobiousa.com