International Application No.: PCT/JP2012/083612

MONOCLONAL ANTIBODY

For research use only, Not for diagnostic use.

Catalog No. SHI-EXO-M02-B

Anti CD63 [Clone : 8A12]

BACKGROUND

CD63 is a cell surface glycoprotein which belongs to the tetraspanin superfamily. CD63 is known to complex with integrins and other transmembrane 4 superfamily proteins. It is found on the surface of exosomes. It can modulate cell adhesion and migration and also trigger platelet activation and aggregation.

Product type	Primary antibody
Immunogen	Human CD63 (a.a. 104-202)
Raised in	Mouse
Myeloma	-
Clone number	8A12
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 CD63
Reactivity	Human. 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
Recommended dilutions

- **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）
  - ***** Experiment example : Serum Exosome
- **ELISA**: 1/10,000 – 1/200,000（5 ng/mL - 0.1 ug/mL）

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