



**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.

<b>Product type</b>	Primary antibody
<b>Immunogen</b>	Human CD63 (a.a. 104-202)
<b>Raised in</b>	Mouse
<b>Myeloma</b>	-
<b>Clone number</b>	8A12
<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 CD63
<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)
  - **ELISA:** 1/10,000 – 1/200,000 (5 ng/mL - 0.1 ug/mL)
- \* Experiment example : Serum 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@cosmobioussa.com](mailto:info@cosmobioussa.com)  
Phone/FAX: (+1) 760-431-4600  
URL: [www.cosmobioussa.com](http://www.cosmobioussa.com)