

## EX203 CD81 Monoclonal Antibody

### Overview

<b>Description</b>	Purified Mouse monoclonal antibody
<b>Specificity</b>	CD81 Human, Feline (Cat), Rabbit

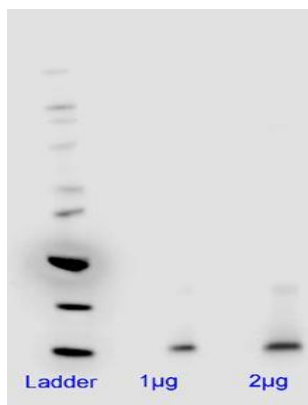
### Properties

<b>Form</b>	Liquid
<b>Appearance</b>	Colourless
<b>Buffer</b>	Phosphate Buffered Saline (PBS) with 15 mM Sodium Azide, pH 7.4
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	>98% by SDS-PAGE
<b>Purification Notes</b>	Purified from cell culture supernatant by Protein-A affinity chromatography.
<b>Clonality</b>	Clone CGS36K
<b>Isotype</b>	Mouse IgG1
<b>Stability and Storage</b>	Stable at 2 - 8 °C. Keep away from direct sunlight. <b>DO NOT FREEZE.</b>

### General Notes

Tested for ability to detect exosomes in TRIFic™ assay.

### Data



**Figure:** Western blot image generated using cell lysate from DU145 cells. The cell lysate was loaded preceding the exosome sample detected with CD81 mAb. Content of each lane is as follows:

Lane 1 – Invitrogen™ Magic Mark™ ladder; lane 2 – 1 µg cell lysate; lane 3 – 1 µg exosome protein; lane 4 – 2 µg cell lysate; lane 5 – 2 µg exosome protein.

The CD81 mAb concentration used to generate this western blot was 0.5 µg/ml or a 1:2000 dilution of the 1 mg/ml stock solution.