# EX201 CD9 Monoclonal Antibody

## Overview

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|---|---|
| **Description** | Purified Mouse monoclonal antibody |
| **Reactivity** | CD9 (Human, Mouse) |

## Properties

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| **Form** | Liquid |
| **Appearance** | Colourless |
| **Buffer** | Phosphate Buffered Saline (PBS) with 15 mM Sodium Azide, pH 7.4 |
| **Concentration** | 1 mg/ml |
| **Purity** | >98% by SDS-PAGE |
| **Purification Notes** | Purified from cell culture supernatant by Protein-A affinity chromatography. |
| **Clonality** | Clone CGS12A |
| **Isotype** | Mouse IgG1 |
| **Stability and Storage** | Stable at 2 - 8 °C. Keep away from direct sunlight. **DO NOT FREEZE.** |

## General Notes

Tested for ability to detect exosomes in the ExoLISA™ assay.

## Data

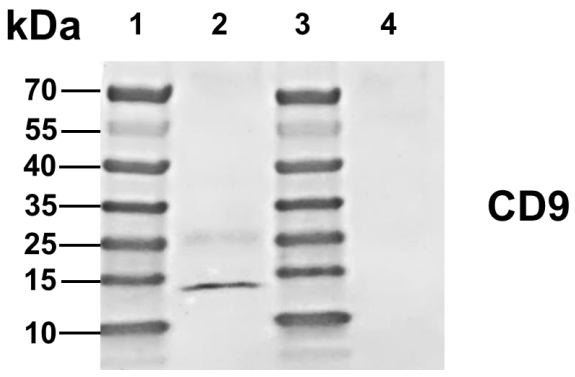


**Figure 1:** Western blot image generated using A375 (Human melanoma) exosomes isolated via Exo-spin™ MIDI columns (EX04).

Content of each lane is as follows:
Lane 1 – Invitrogen™ Magic Mark™ ladder; lane 2 – 20 µg exosomes from Exo-spin™ MIDI fractions 7-12 (pooled); lane 3 – Invitrogen™ Magic Mark™ ladder; lane 4 – 20 µg from Exo-spin™ MIDI fractions 13-18

The CD9 mAb concentration used to generate this western blot was a 1:1000 dilution of the 1 mg/ml stock solution.

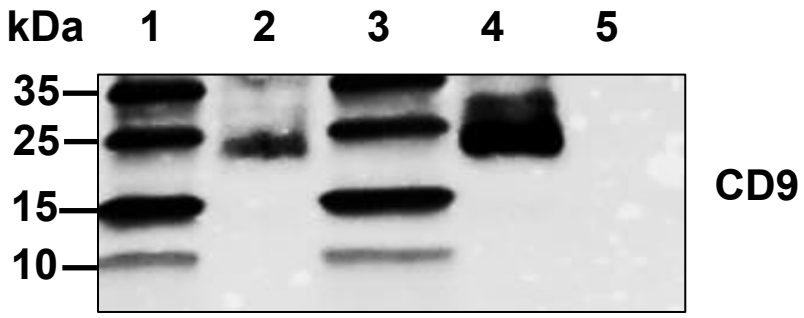


**Figure 2:** Western blot image generated using exosomes from non-Swiss albino mouse serum. Content of each lane is as follows:

Lane 1 – Invitrogen™ Magic Mark™ ladder; lane 2 – 30 µg mouse serum derived exosomes; lane 3 – Invitrogen™ Magic Mark™ ladder; lane 4 – 0.1 µg mouse serum; lane 5 – negative control

The CD9 mAb concentration used to generate this western blot was a 1:1000 dilution of the 1 mg/ml stock solution.