

# CUSABIO Exosome Isolation Kit

Exosomes are small membrane vesicles (30-150 nm) of endocytic origin, which are shed from cells under normal and pathophysiological conditions. CUSABIO Exosome Isolation Kit purifies exosome by affinity purification. High Purity exosomes and other Evs (Extracellular vesicles) from cell culture medium can be easily obtained by this method.

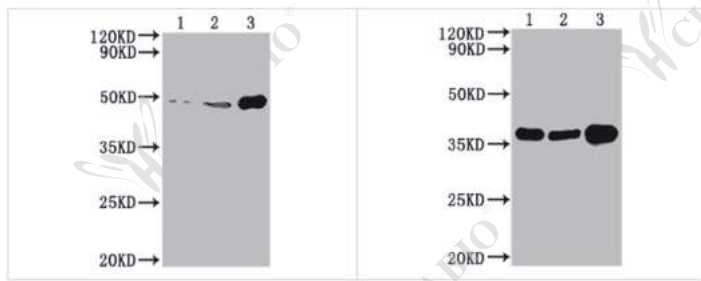
**Exosomes isolated by this product are suitable for the following downstream applications:**



## CUSABIO Exosome Isolation Kit Catalog

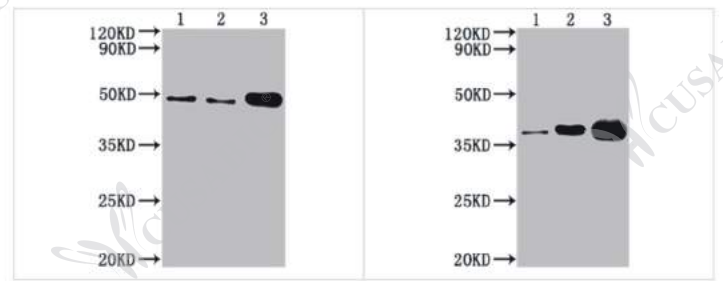
| Code       | Size | Sample Types            |
|------------|------|-------------------------|
| CSB-EI0102 | 2T   | Cell culture supernates |
| CSB-EI0110 | 10T  | Cell culture supernates |

## Exosomes Isolated from Various of Cells



ENO1 (CSB-MA007670A0m) GAPDH (CSB-MA000071M0m)

1. Exosomes extracted from MG63 cells
2. Exosomes extracted from Ntera-2 cells
3. MG63 cell Lysate



ENO1 (CSB-MA007670A0m) GAPDH (CSB-MA000071M0m)

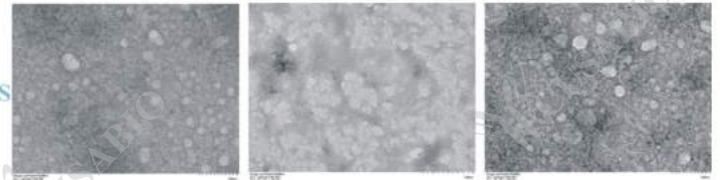
1. Exosomes extracted from Raji cells
2. Exosomes extracted from U251 cells
3. Raji cell Lysate

## High Purity



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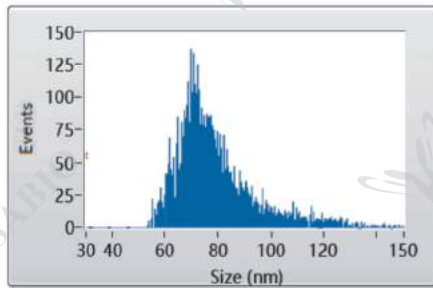
Complete shape; Approximately spherical; Uniform size



Company A

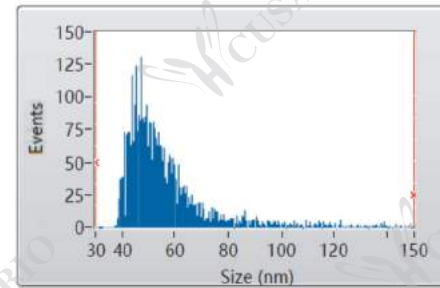
No clear exosome morphology was observed

## High Yield



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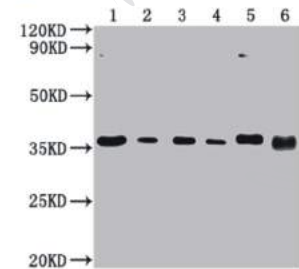
Particle size: 79.19 nm  
Concentration:  $3.08 \times 10^{11}$  particles/mL



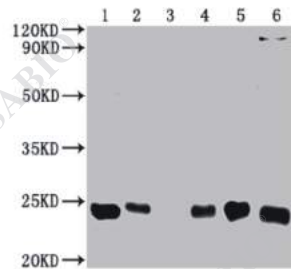
Company A

Particle size: 56.03 nm  
Concentration:  $9.62 \times 10^8$  particles/mL

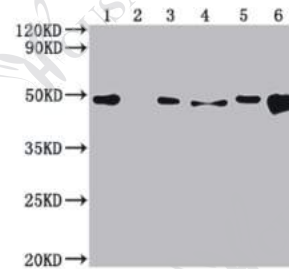
## High Efficiency



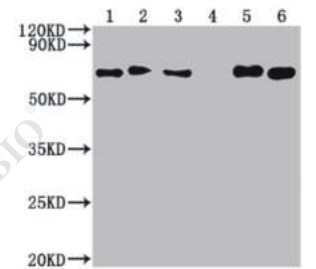
GAPDH (CSB-MA000071M0m)



CD9 (CSB-MA004969A0m)



ENO1 (CSB-MA007670A0m)



PKM (CSB-MA018072A0m)

1. CUSABIO      2. Company A      3. Company B      4. Company C      5. Ultracentrifugation      6. HeLa Cell Lysate

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