

CD63 Exosome Capture Beads ab239686

1 References

Overview

Product name	CD63 Exosome Capture Beads
Detection method	Fluorescent
Sample type	Cell culture supernatant, Urine, Plasma
Species reactivity	Reacts with: Human
Product overview	CD63 Exosome Capture Beads (ab239686) consists of a simple bead population, coated with a capture antibody (CD63) for isolation/detection of exosome.

The beads are intended for the immunoisolation (immunomagnetic or FACS) and Flow Cytometry analysis of pre-enriched CD63+ human exosomes from biofluids (plasma, urine) or cell culture media.

These capture beads are used in the Exosome Isolation and Analysis Kits [ab239684](#) (CD63/CD81, Urine), [ab239683](#) (CD63/CD81, plasma), [ab239682](#) (CD63/CD81, cell culture), [ab228565](#) (CD63/CD9, plasma), [ab228564](#) (CD63/CD9, cell culture).

Platform	Flow cytometer
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Properties

Storage instructions	Store at +4°C. Please refer to protocols.
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Components	25 tests
CD63+ [Clone TEA3/18] capture beads	1 x 1250µl

Relevance	Exosomes are best defined as extracellular vesicles that are released from cells upon fusion of an intermediate endocytic compartment, the multivesicular body (MVB), with the plasma membrane. This liberates intraluminal vesicles (ILVs) into the extracellular milieu and the vesicles thereby released are what we know as exosomes. They contain abundant proteins, DNA, mRNA, and non-coding RNAs. They are now considered as an additional mechanism for intercellular communication, allowing cells to exchange proteins, lipids and genetic material. Increasing studies have shown that exosomes play an important role in tumour initiation, growth, progression, metastasis, drug resistance and immune escape.
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