

# Active CD19 protein-coupled magnetic Beads

**Cat. No.** CD19-7098M    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                                  |                                                                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>                   | Human                                                                                                                                                               |
| <b>Source</b>                    | HEK293                                                                                                                                                              |
| <b>ProteinLength</b>             | Pro 20 - Lys 291                                                                                                                                                    |
| <b>Appearance</b>                | Powder mixture                                                                                                                                                      |
| <b>Particle size</b>             | 2 µm                                                                                                                                                                |
| <b>Bio-activity</b>              | Immobilized 54 µg CD19 protein to 1 mg Beads, can bind the Anti-CD19 Antibody with an EC50 of 0.8888 µg/mL.                                                         |
| <b>Coupled amount of protein</b> | ≈1151 pmol (38.8 µg) CD19/mg Beads                                                                                                                                  |
| <b>Capacity</b>                  | >150 pmol (25 µg) antibody/mg beads                                                                                                                                 |
| <b>Formulation</b>               | PBS, pH7.4, with 10% Trehalose                                                                                                                                      |
| <b>Reconstitution</b>            | 2 mL sterile deionized water (1 mg beads/mL)                                                                                                                        |
| <b>Background</b>                | The biotinylated CD19 protein was conjugated to streptavidin magnetic beads. This pre-coupled magnetic bead product can capture the anti-CD19 antibody from various |

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assay systems. The beads are in uniform size, narrow size distribution with large surface area and unique surface coating, which can help you get the best performance and highly reproducible results. This CD19 coupled magnetic beads will bring great convenience with minimum non-specific binding and developed protocols. This ready-to-use product could greatly save your time and hassle.

**Application**

This product is intended for immunocapture, biopanning and flow cytometry. This product is produced non-sterile.

**Storage**

Upon receipt, please store the Beads at -20°C for 1 year in lyophilized state.

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