

## Active His Tag Antibody-coupled magnetic Beads

**Cat. No.** His Tag-763M    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>                   | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Appearance</b>                | lyophilized powder mixture                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Particle size</b>             | 2.8µm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Bio-activity</b>              | Immobilized 0.025 µg /Test of SARS-CoV-2 S protein RBD, His Tag to the Anti-His Tag Antibody (Human IgG1)-coupled Magnetic Beads (recommended for MPCLIA) (10 µg beads/Test), incubated with 100 µL /Test of Anti-SARS-CoV-2 Spike RBD Neutralizing Antibody, Mouse IgG1 (AM122) at increasing concentration coupled to Anti-Mouse IgG-Acridine ester (0.04 µg /Test). Detection was performed with sensitivity of 0.98 ng/mL in Magnetism particulate chemiluminescence immunoassay (MPCLIA) (KEYSMILE, SMART 6500S). |
| <b>Coupled amount of protein</b> | About 133 pmol (20 µg) Anti-His Tag Antibody, Human IgG1/ mg Beads                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Capacity</b>                  | 3-8µg His tag proteins / mg beads                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Background</b>                | The Anti-His Tag-coupled Magnetic Beads are 2.8 µm superparamagnetic particles covalently coupled to a highly affinity Monoclonal Anti-His Tag antibody. The beads can be used to capture the proteins containing C-terminal, N-terminal, and internal His tagged fusion in Chemiluminescence procedures. The Monoclonal Anti-His Tag                                                                                                                                                                                  |

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antibody is a chimeric monoclonal antibody expressed from HEK293 cells, which combines the variable region of a mouse monoclonal antibody with human IgG1 constant domain. The Anti-His Tag-coupled Magnetic Beads is easy to capture his Tagged protein or other molecules, this ready to use products could greatly save your protein coupling time and hassle, and help us get the best performance and highly reproducible results.

**Application**

The Anti-His Tag-coupled Magnetic Beads are 2.8  $\mu$ m superparamagnetic particles covalently coupled to a highly affinity Monoclonal Anti-His Tag antibody. The beads can be used to capture the proteins containing C-terminal, N-terminal, and internal His tagged fusion in Chemiluminescence procedures. The Monoclonal Anti-His Tag antibody is a chimeric monoclonal antibody expressed from HEK293 cells, which combines the variable region of a mouse monoclonal antibody with human IgG1 constant domain. The Anti-His Tag-coupled Magnetic Beads is easy to capture his Tagged protein or other molecules, this ready to use products could greatly save your protein coupling time and hassle, and help us get the best performance and highly reproducible results.

**Storage**

Upon receipt, please store the Beads at -20°C. The shelf life is 1 year at -20 °C.

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