

Active His Tag Antibody-coupled magnetic Beads

Cat. No. His Tag-765M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Mouse
Appearance	lyophilized powder mixture
Particle size	2.8µm
Bio-activity	Immobilized 0.025 µg /Test of SARS-CoV-2 S protein RBD, His Tag to the Anti-His Tag-coupled Magnetic Beads (used for MPCLIA) (10 µg beads/Test), incubated with 100 µL /Test of Anti-SARS-CoV-2 Spike RBD Antibody, Chimeric mAb, Human IgG1 (AM122) at increasing concentration coupled to Anti-Human 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).
Coupled amount of protein	About 133 pmol (20 µg) Monoclonal Mouse Anti-His Tag antibodies/ mg Beads
Capacity	3-8µg His tag proteins / mg beads
Background	The Anti-His Tag-coupled Magnetic Beads are 2.8 µm superparamagnetic particles covalently coupled to a highly affinity Monoclonal Mouse Anti-His Tag antibody. The beads can be used to capture the proteins containing N-terminal or C-terminal His Tags (6×His-10×His) in Chemiluminescence procedures. The Monoclonal Mouse

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Anti-His Tag antibodies are produced from a hybridoma resulting from fusion of SP2/0 myeloma and B-lymphocytes obtained from a mouse immunized with His Tag Protein. 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 is used to capture his Tagged protein or molecules, it can combination with Acridinium ester markers in chemiluminescence technology, The Acridinium ester markers such as Streptavidin-Acridinium ester can capture the biotinylated proteins or molecules, AHG-Acridinium ester can capture human antibodies, this allows detection of ligand / acceptor binding assay, antigen/antibody binding assay, or antibody screening.

Storage

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

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