

Active MSLN protein-coupled magnetic Beads

Cat. No. MSLN-7689M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
ProteinLength	Glu 296 - Gly 580 (R309P)
Appearance	Powder mixture
Particle size	2 µm
Bio-activity	Immobilized 19.5 µg MSLN to 1mg Beads can bind the Anti MSLN Ab with an EC50 of 0.1037 µg/mL.
Coupled amount of protein	≈330 pmol (19.5µg) Mesothelin / mg beads
Capacity	>270 pmol (16 ug) Anti-hMSLN antibody / mg beads
Formulation	PBS, pH7.4, with 10% Trehalose
Reconstitution	2 mL sterile deionized water (1 mg beads/mL)
Background	The Human Mesothelin-coupled Magnetic Beads is produced by coupling biotinylated mesothelin protein to streptavidin-conjugated magnetic beads. Because Streptavidin

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

(SA) has an extraordinarily high affinity for biotin with a dissociation constant (K_d) on the order of 10^{-14} mol/L, the biotinylated protein can bind to the SA beads irreversibly. The pre-coupled beads are ready to use for capturing anti-mesothelin antibody from your sample with high specificity.

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA