

## Active ERBB2 protein-coupled magnetic Beads

Cat. No. ERBB2-8987M Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Thr 23 - Thr 652
<b>Appearance</b>	Powder mixture
<b>Particle size</b>	2 $\mu$ m
<b>Bio-activity</b>	Immobilized 43 $\mu$ g HER2 protein to 1 mg Beads, can bind the Anti-HER2 Antibody (Herceptin) with an EC50 of 0.7817 $\mu$ g/mL.
<b>Coupled amount of protein</b>	$\approx$ 589 pmol (43 $\mu$ g) Her2/mg Beads
<b>Capacity</b>	>180 pmol (27 $\mu$ g) 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 HER2 protein was conjugated to streptavidin magnetic beads. This pre-coupled magnetic bead product can capture the anti-HER2 antibody from various assay systems. The beads are in uniform size, narrow size distribution with large

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surface area and unique surface coating, which can help you get the best performance and highly reproducible results. This HER2 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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