

## HER2/CD340 Protein, Cynomolgus (Biotinylated, HEK293, His)

Cat. No.:	HY-P700887
Synonyms:	CD340; EGFR2; ErbB2; HER2; HER-2; herstatin; MLN 19; MLN19; NGL; TKR1; ERBB2; NEU; ENV; ENVW; ERVWE1; HERV7Q; HERVW
Species:	Cynomolgus
Source:	HEK293
Accession:	XP_005584091.2 (T23-T652)
Gene ID:	/
Molecular Weight:	85-105 kDa

### PROPERTIES

Biological Activity	Immobilized Cynomolgus Her2, His Tag at 0.2µg/ml (100µl/Well) on the plate. Dose response curve for Anti-Her2 Antibody, hFc Tag with the EC <sub>50</sub> of 13.3ng/ml determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	Erb-b2 receptor tyrosine kinase 2 enables ATP binding and transmembrane receptor protein tyrosine kinase activity. Erb-b2 receptor tyrosine kinase 2 is involved in multicellular organism development, neuron differentiation, positive regulation of MAPK cascade, positive regulation of cell population proliferation, positive regulation of kinase activity, protein phosphorylation and transmembrane receptor protein tyrosine kinase signaling pathway. Erb-b2 receptor tyrosine kinase 2 is located in basal plasma membrane <sup>[1][2][3]</sup> .
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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