

**Her2**  
**Catalog # PVGS1690****Specification**

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**Her2 - Product Information**

Primary Accession [P04626-1](#)  
**Species**  
Human

**Sequence**  
Thr23-Thr652

**Purity**  
> 95% as determined by Bis-Tris PAGE  
> 95% as determined by HPLC

**Endotoxin Level**  
Less than 1EU per µg by the LAL method.

**Biological Activity**  
Immobilized Her2, Avi & His, Human (Cat.No.: Z03806) at 0.5 µg/ml can bind Anti-Her2 Antibody.

**Expression System**  
HEK293

**Theoretical Molecular Weight**  
72.3 kDa

**Formulation** **Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4.**

**Reconstitution**  
Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

**Storage & Stability**  
Upon receiving, the lyophilized product remains stable up to 6 months at -20 °C or below as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Her2 - Additional Information**

**Target Background**  
ErbB2, also known as Neu and Her2, is a type I membrane glycoprotein belonging to the ErbB family of tyrosine kinase receptors. It serves as a receptor for the epidermal growth factor (EGF) family of growth factors. Upon activation, ERBB2 triggers the MEMO1-RHOA-DIAPH1 signaling pathway, leading to the phosphorylation and inhibition of GSK3B at the cell membrane.

**Her2 - Protein Information**

## **Her2 - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Her2 - Images**