10320 Camino Santa Fe, Suite G
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Her2/ErbB2

Catalog # PVGS1760

Specification

Her2/ErbB2 - Product Information

Primary Accession	P04626-1

Species
Human

Sequence
Pro489-Cys630

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/ErbB2 Domain 4, His & Avi, Human (Cat.No.: Z03899) at 1 μg/ml (100 μl/Well) on the plate can bind Anti-Her2 Antibody, hFc Tag

Expression System
HEK293

Theoretical Molecular Weight
18.5 kDa

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

Reconstitution
It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH₂O more than 100 μg/ml.

Storage & Stability
Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Her2/ErbB2 - Additional Information

Target Background
ErbB2, also called Neu and Her2 (human epidermal growth factor receptor 2), is a type I membrane glycoprotein that is a member of the ErbB family of tyrosine kinase receptors. ErbB family members serve as receptors for the epidermal growth factor (EGF) family of growth factors.Upon ERBB2 activation, the MEMO1-RHOA-DIAPH1 signaling pathway elicits the phosphorylation and thus the inhibition of GSK3B at cell membrane. This prevents the phosphorylation of APC and CLASP2, allowing its association with the cell membrane.

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Her2/ErbB2 - Protein Information

Her2/ErbB2 - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Her2/ErbB2 - Images