10320 Camino Santa Fe, Suite G
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Anti-ERBB3 / HER3 Reference Antibody (seribantumab)

Recombinant Antibody
Catalog # APR10434

Specification

Anti-ERBB3 / HER3 Reference Antibody (seribantumab) - Product Information

Application	**FC, Kinetics, Animal Model**
Primary Accession	P21860
Reactivity	**Human, Mouse**
Clonality	**Monoclonal**
Isotype	**IgG2SA**
Calculated MW	**145 KDa**

Anti-ERBB3 / HER3 Reference Antibody (seribantumab) - Additional Information

Target/Specificity
ERBB3 / HER3

Endotoxin
< 0.001EU/ μg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-ERBB3 / HER3 Reference Antibody (seribantumab) - Protein Information

Name ERBB3

Synonyms HER3

Function
Tyrosine-protein kinase that plays an essential role as cell surface receptor for neuregulins. Binds to neuregulin-1 (NRG1) and is activated by it; ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase (PubMed:20682778). May also be activated by CSPG5 (PubMed:15358134). Involved in the regulation of myeloid cell differentiation (PubMed:27416908).

Cellular Location
[Isoform 1]: Cell membrane; Single-pass type I membrane protein

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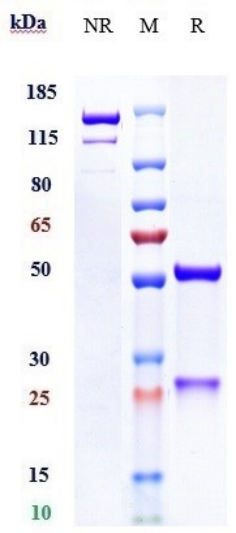
Tissue Location
Epithelial tissues and brain.

Anti-ERBB3 / HER3 Reference Antibody (seribantumab) - Protocols

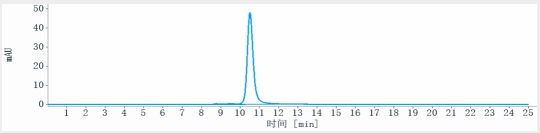
Provided below are standard protocols that you may find useful for product applications.

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

Anti-ERBB3 / HER3 Reference Antibody (seribantumab) - Images



Anti-ERBB3 / HER3 Reference Antibody (seribantumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-ERBB3 / HER3 Reference Antibody (seribantumab)is more than 95% ,determined by SEC-HPLC.