

Anti-ERBB3 / HER3 Reference Antibody (lumretuzumab)

Recombinant Antibody Catalog # APR10155

Specification

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

Application FC, E, FTA
Primary Accession P21860
Reactivity Human
Clonality Monoclonal
Isotype IgG1
Calculated MW 147.16 KDa

Anti-ERBB3 / HER3 Reference Antibody (lumretuzumab) - 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 (lumretuzumab) - 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



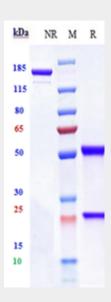
Tissue LocationEpithelial tissues and brain.

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

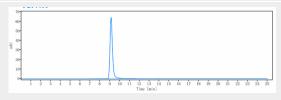
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

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

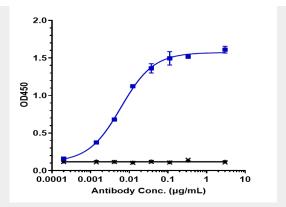


Anti-ERBB3 / HER3 Reference Antibody (lumretuzumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



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





Immobilized human HER3 His at 2 $\,\mu g/mL$ can bind Anti-ERBB3 / HER3 Reference Antibody (lumretuzumab)[]EC50=0.0609 $\mu g/mL$