

Anti-ERBB3 / HER3 Reference Antibody (elgemtumab)

Catalog # APR11187

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P21860
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-REM
Calculated MW	148098

Additional Information

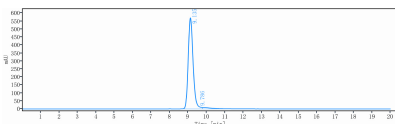
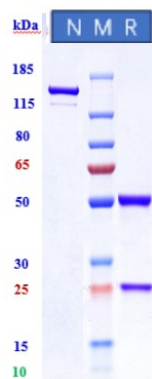
Target/Specificity	ERBB3 / HER3
Expression system	CHO

Protein Information

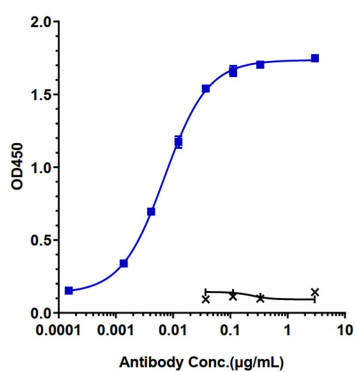
Name	ERBB3
Synonyms	HER3
Function	Tyrosine-protein kinase that plays an essential role as cell surface receptor for neuregulins. Binds to neuregulin-1 (NRG1) and is activated by it; ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 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 Location	Epithelial tissues and brain.

Images

Anti-ERBB3 / HER3 Reference Antibody (elgemtumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-ERBB3 / HER3 Reference Antibody (elgemtumab) is 96.8%, determined by SEC-HPLC.



Immobilized huHER3-his at 2 µg/mL can bind elgemtumab, EC₅₀= 0.007107 µg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.