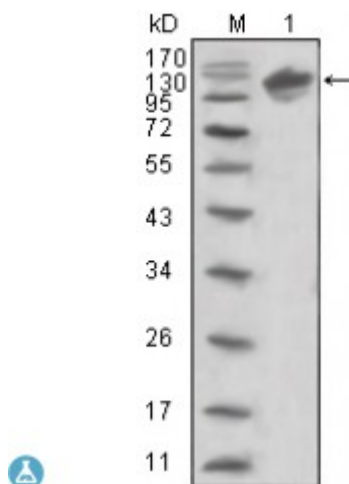


Anti-ErbB-3 antibody



Description	Mouse monoclonal to ErbB-3.
Model	STJ98044
Host	Mouse
Reactivity	Human
Applications	ELISA, IF, WB
Immunogen	Purified recombinant extracellular fragment of human ErbB-3 (aa22-369) fused with hIgGfc tag expressed in HEK293 cells.
Immunogen Region	22-369 aa
Gene ID	2065
Gene Symbol	ERBB3
Dilution range	WB 1:500-1:2000IF 1:200-1:1000ELISA 1:10000
Specificity	ErbB-3 Monoclonal Antibody detects endogenous levels of ErbB-3 protein.
Tissue Specificity	Epithelial tissues and brain.
Purification	Affinity purification
Clone ID	2F9
Note	For Research Use Only (RUO).
Protein Name	Receptor tyrosine-protein kinase erbB-3 Proto-oncogene-like protein c-ErbB-3 Tyrosine kinase-type cell surface receptor HER3
Clonality	Monoclonal

Conjugation	Unconjugated
Isotype	IgG1
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:3431OMIM:190151
Alternative Names	Receptor tyrosine-protein kinase erbB-3 Proto-oncogene-like protein c-ErbB-3 Tyrosine kinase-type cell surface receptor 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 . May also be activated by CSPG5 .
Sequence and Domain Family	The cytoplasmic part of the receptor may interact with the SH2 or SH3 domains of many signal-transducing proteins.
Cellular Localization	Isoform 1: Cell membrane. Single-pass type I membrane protein.. Isoform 2: Secreted.
Post-translational Modifications	Autophosphorylated . Ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase .