

Immunotag™ Phospho-HER3/ErbB3 (Tyr1289) Antibody

Antibody Specification	
Catalog No.	ITA7623
Product Description	Immunotag™ Phospho-HER3/ErbB3 (Tyr1289) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-HER3/ErbB3 (Tyr1289)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:1000-3000 IHC 1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Phospho-HER3/ErbB3 (Tyr1289)
Specificity	Phospho-HER3/ErbB3 (Tyr1289) Antibody detects endogenous levels of HER3/ErbB3 only when phosphorylated at Tyr1289
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	ERBB3
Accession No.	P21860

Antibody Specification

Alternate Names	c erbB 3; c erbB3; Erb b2 receptor tyrosine kinase 3; ErbB 3; ERBB3; ERBB3 protein; erbB3 S; ERBB3_HUMAN; Glial growth factor receptor; HER 3; HER3; Human epidermal growth factor receptor 3; LCCS2; MDA BF 1; MGC88033; p180 ErbB3; p45 sErbB3; p85 sErbB3; proto-oncogene-like protein c ErbB 3; proto-oncogene-like protein c ErbB3; Proto-oncogene-like protein c-ErbB-3; Receptor tyrosine protein kinase erbB 3; Receptor tyrosine protein kinase erbB3; Receptor tyrosine-protein kinase erbB-3; Tyrosine kinase type cell surface receptor HER3; Tyrosine kinase-type cell surface receptor HER3; v erb b2 avian erythroblastic leukemia viral oncogene homolog 3; v erb b2 erythroblastic leukemia viral oncogene homolog 3 (avian); v erb b2 erythroblastic leukemia viral oncogene homolog 3;
Description	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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	185 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.