

Anti-HER3/ERBB3 Antibody (6V625)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6V625
Purification:	Affinity-chromatography

Applications

Verified Activity:	Immunofluorescence staining of MCF7 Cells with TMAH-00403 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).
Application:	ELISA,IF
Recommended	IF:1:20-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human ErbB3
Antigen Species:	Human
Gene ID:	2065
Uniprot ID:	P21860
Synonyms:	MDA-BF-1;ErbB-3;HER3;p180-ErbB3;p45-sErbB3;LCCS2;ErbB3;p85-sErbB3;HER3c-erbB-3;MGC88033
Biology Area:	Cancer, Tags & Cell Markers, Signal transduction

Research Background

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. Involved in the regulation of myeloid cell differentiation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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