

## Anti-HER3 [AB#3] Standard Size Ab02472-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Lambda

**Clone Number:** AB#3

**Alternative Name(s) of Target:** ErBB3; Receptor tyrosine-protein kinase erbB-3; Proto-oncogene-like protein c-ErbB-3; Tyrosine kinase-type cell surface receptor HER3

**UniProt Accession Number of Target Protein:** P21860

**Published Application(s):** functional assay, SPR, ELISA

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was created using phage display from a human Fab-phage library.

**Specificity:** This antibody binds specifically to human ErBB3.

**Application Notes:** Surface plasmon resonance on the ErBB3 protein was performed with this antibody to determine the KD values (US7846440). This antibody was used for a cell binding assay. The cells used were MALME-3M cells (US7846440). The ability of this antibody to inhibit the binding of ligands to ErBB3 was tested using ADRr cells (US7846440).

**Antibody First Published in:** Schoeberl et al. Antibodies against ErbB3 and uses thereof. US7846440  
[PMID:](#)

**Note on publication:**

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.