



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-HER2/neu [SER4] Standard Size Ab00383-10.3

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 Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

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

**Clone Number:** SER4

**Alternative Name(s) of Target:** Receptor tyrosine-protein kinase erbB-2; human epidermal growth factor receptor 2;

**UniProt Accession Number of Target Protein:** P04626

**Published Application(s):** ELISA

**Published Species Reactivity:** Human

**Immunogen:** Recombinant HER2/neu.

**Specificity:** The antibody binds specifically to the extracellular domain of human ErbB-2.

**Application Notes:** The antibody binds to human ErbB-2, a receptor tyrosine kinase (RTK) controlling cell growth and microtubule stabilization. Full-length antibody or Fab fragments cross-linked by secondary antibody had a growth-inhibiting effect on ErbB-2 positive MDA-MB-453 cells. This effect was not seen with Fab fragments alone.

**Antibody First Published in:** Itoh et al. Molecular structural and functional characterization of tumor suppressive anti-erbB-2 monoclonal antibody by phage display system. Journal of Biochemistry 2003; 133(2):239-245 [PMID:12761188](#)

**Note on publication:** Describes the generation of the SER4-monoclonal antibody and how the antibody inhibits cell growth in vitro.

## 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.