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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-HER2/neu [SER4] Standard Size Ab00383-1.4

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

Isotype and Format: Mouse 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.