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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-erbB-2 (Her-2/neu) [4D5-8 (trastuzumab)] Bulk Size Ab00103-10.26-BT

This is an scFv-Fc fusion protein, with a human Fc.

THIS IS A RESEARCH-GRADE BIOSIMILAR. NOT FOR HUMAN THERAPY! This recombinant Fab fragmentation was made using the variable domain sequences of the original human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human scFv-Fc, Kappa

Clone Number: 4D5-8 (trastuzumab)

Alternative Name(s) of Target: CD340; Metastatic lymph node gene 19 protein (MLN 19); Proto-oncogene Neu; Proto-oncogene c-ErbB-2; Tyrosine kinase-type cell surface receptor HER2; p185erbB2; p185HER2; EGFR

UniProt Accession Number of Target Protein: P04626

Published Application(s): ELISA, FC, IHC

Published Species Reactivity: Human

Immunogen: A431 cells (human epidermoid carcinoma) (over)expressing EGFR.

Specificity: Oncogenic protein Her-2/neu (erbB-2), a member of the family of epidermal growth factor (EGF) receptors, overexpressed in 30% of invasive breast cancers and 70% of ductal carcinomata in situ, in a small percentage of melanomas, and in other malignancies originating from various organs, including ovary, kidney, colon, and bladder.

Application Notes: This antibody binds to erbB-2/Her-2/neu has therapeutic indications particularly in the treatment of breast cancer (c.f. Herceptin). It can also be used to detect HER-2 by flow cytometry or IHC (Glazyrin 2007).

Antibody First Published in: Carter P, Presta L, Gorman CM, Ridgway JB, Henner D, Wong WL, Rowland AM, Kotts C, Carver ME, Shepard HM. Humanization of an anti-p185HER2 antibody for human cancer therapy. Proc Natl Acad Sci U S A. 1992 May 15;89(10):4285-9. [PMID:1350088](#)

Note on publication: Describes the humanisation of the antibody (also known as Herceptin), shows it recognised HER2 in a wide variety of immuno-assays.

Product Form

Size: 500 µg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.