



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

ERBB2 recombinant monoclonal antibody, clone 4D5-8 (Trastuzumab)

Catalog Number: RAB01164

Regulatory Status: For research use only (RUO)

Product Description: Mouse recombinant monoclonal antibody raised against human erbB-2.

Clone Name: 4D5-8

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

Antibody Species: Mouse

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

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.

Form: Liquid

Purification: Protein A affinity purification

Isotype: IgG2a, Kappa

Recommend Usage: Immunohistochemistry
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS with 0.02% Proclin 300

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

Entrez GeneID: 2064

Gene Symbol: ERBB2

Gene Alias: CD340, HER-2, HER-2/neu, HER2, NEU,

NGL, TKR1

Gene Summary: This gene encodes a member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. This protein has no ligand binding domain of its own and therefore cannot bind growth factors. However, it does bind tightly to other ligand-bound EGF receptor family members to form a heterodimer, stabilizing ligand binding and enhancing kinase-mediated activation of downstream signalling pathways, such as those involving mitogen-activated protein kinase and phosphatidylinositol-3 kinase. Allelic variations at amino acid positions 654 and 655 of isoform a (positions 624 and 625 of isoform b) have been reported, with the most common allele, Ile654/Ile655, shown here. Amplification and/or overexpression of this gene has been reported in numerous cancers, including breast and ovarian tumors. Alternative splicing results in several additional transcript variants, some encoding different isoforms and others that have not been fully characterized. [provided by RefSeq]