



# 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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## Datasheet

### ERBB2 monoclonal antibody, clone CL0268

**Catalog Number:** MAB15583

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against partial recombinant human ERBB2.

**Clone Name:** CL0268

**Immunogen:** Recombinant protein corresponding to human ERBB2.

**Sequence:**

YNTDTFESMPNPEGRTYFGASCVTACPYNYLSTDVGS  
CTLVCPLHNQEVTAEDGTQRCEKCSKPCARVCYGLG  
MEHLREVRAVTSANIQEFAGCKKIFGSLAFLPESFDGD  
PASNTAPLQPEQLQVFGAPHR

**Host:** Mouse

**Epitope:** This antibody binds to an epitope located within the peptide sequence ARVCYGLGME as determined by overlapping synthetic peptides.

**Reactivity:** Human

**Applications:** IHC-P, WB-Ce

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Protein A purification

**Isotype:** IgG1

**Recommend Usage:** Immunohistochemistry

(Formalin/PFA-fixed paraffin-embedded sections)

(1:50-1:200)

Western Blot (1:500-1:1000)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

**Storage Instruction:** Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**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]