

Datasheet: MCA6298

Description:	RABBIT ANTI ErbB2
Specificity:	ErbB2
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM228
Isotype:	IgG
Quantity:	0.1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			1/100 - 1/400
Western Blotting	▪			1/1000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Based on sequence similarity, is expected to react with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Purified IgG prepared by affinity chromatography of Protein A from animal origin-free culture supernatant

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide
1% Bovine Serum Albumin

50% Glycerol

Immunogen A peptide corresponding to the C-terminus of ErbB2

External Database Links

UniProt:

[P04626](#) [Related reagents](#)

Entrez Gene:

[2064](#) ERBB2 [Related reagents](#)

Synonyms HER2, MLN19, NEU, NGL

Specificity **Rabbit anti Human ErbB2 antibody** recognizes receptor tyrosine-protein kinase erbB-2, also known as HER2, MLN19, NEU, NGL. The protein HER2, encoded by the ErbB2 gene, is a transmembrane glycoprotein which belongs to the epidermal growth factor receptor (EGFR)/HER1 family. The ErbB receptors carry out essential functions of development and tissue maintenance, but loss of regulation underlies many diseases ([Wieduwilt and Moasser 2008](#)). ErbB2 is an oncogene and is amplified or overexpressed in many human malignancies, including approximately 30% of human breast cancers, and ErbB2-overexpressing tumors appear to predict a poor clinical outcome ([Yu and Hung 2000](#)). Anti-HER2 drugs are used to treat HER2+ breast cancers, but drug resistance remains a challenge ([Liu et al. 2020](#)).

Storage Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10048 available at: <https://www.bio-rad-antibodies.com/SDS/MCA6298>
10048

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M376278:210127'

Printed on 12 Aug 2023