

Datasheet: MCA6298

BATCH NUMBER 155771

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

0.09% Sodium Azide

Stabilisers	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 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com	To find a
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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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