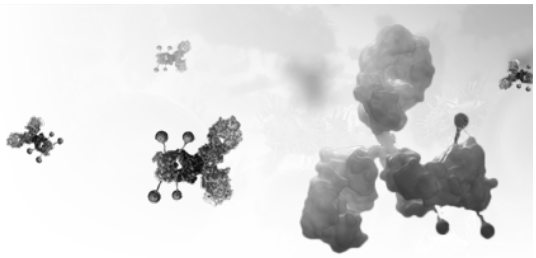

Rabbit Anti-Human Her2/ERBB2 monoclonal antibody, clone S622 (CABT-ZB720)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human Her2/ERBB2
Target	ERBB2
Immunogen	Recombinant Human ErbB2 protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S622
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, ELISA(cap), FC, ICC/IF We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB720 - CABT-ZB1043 This antibody will detect Her2/ERBB2 in antibody pair set. [ABPR-ZB300]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human ErbB2 / HER2 extracellular domain.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Human epidermal growth factor receptor 2 (HER2), also known as ErbB2, NEU, and CD340, is a type I membrane glycoprotein and belongs to the epidermal growth factor (EGF) receptor family. HER2 protein cannot bind growth factors due to the lacking of ligand binding domain of its own and autoinhibited constitutively. However, HER2 forms a heterodimer with other ligand-bound EGF receptor family members, therefore stabilizes ligand binding and enhances kinase-mediated activation of downstream molecules. HER2 plays a key role in development, cell proliferation and differentiation. HER2 gene has been reported to associate with malignancy and a poor prognosis in numerous carcinomas, including breast, prostate, ovarian, lung cancers and so on.
Keywords	ERBB2; erb-b2 receptor tyrosine kinase 2; NEU; NGL

GENE INFORMATION

Synonyms	ERBB2; erb-b2 receptor tyrosine kinase 2; NEU; NGL; HER2; TKR1; CD340; HER-2; MLN 19; HER-2/neu
Entrez Gene ID	2064
UniProt ID	P04626

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