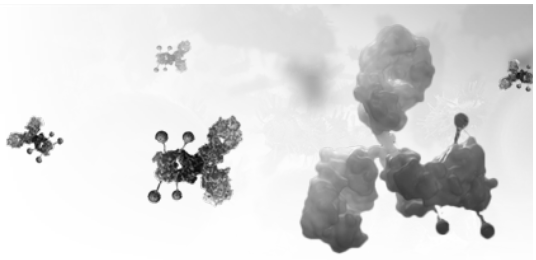

Rabbit Anti-Human EGFR monoclonal antibody, clone S132 (CABT-ZB1023)

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

PRODUCT INFORMATION

Specificity	It reacts with Human EGFR It has no cross-reactivity in ELISA with Human ErbB2/HER2, Human ErbB3/HER3.
Target	EGFR
Immunogen	Recombinant Human EGFR Protein
Isotype	IgG1
Source/Host	Rabbit
Species Reactivity	Human
Clone	S132
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, ELISA(det), ICC/IF We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB695 - CABT-ZB1023 This antibody will detect EGFR in antibody pair set. [ABPR-ZB274]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human EGFR.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL

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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	As a member of the epidermal growth factor receptor (EGFR) family, EGFR protein is type I transmembrane glycoprotein that binds a subset of EGF family ligands including EGF, amphiregulin, TGF-α, betacellulin, etc. EGFR protein plays a crucial role in signaling pathway in the regulation of cell proliferation, survival and differentiation. Binding of a ligand induces EGFR protein homo- or heterodimerization, the subsequent tyrosine autophosphorylation and initiates various down stream pathways (MAPK, PI3K/PKB and STAT). In addition, EGFR signaling also has been shown to exert action on carcinogenesis and disease progression, and thus EGFR protein is proposed as a target for cancer therapy currently.
Keywords	EGFR; epidermal growth factor receptor; ERBB; HER1

GENE INFORMATION

Synonyms	EGFR; epidermal growth factor receptor; ERBB; HER1; mENA; ERBB1; PIG61; OTTHUMP00000159661; OTTHUMP00000159662; OTTHUMP00000159663
Entrez Gene ID	1956
UniProt ID	P00533

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