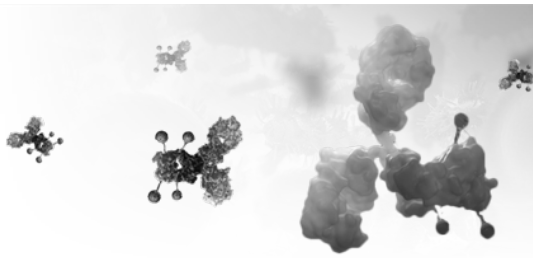

Anti-EGFR monoclonal antibody, clone ICR10 [FITC] (CABT-49026RH)

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

PRODUCT INFORMATION

Product Overview	Rat anti Human EGF Receptor antibody, clone ICR10 recognizes the human epidermal growth factor receptor (EGF-R), which is over expressed in a high proportion of breast cancer cells and in a range of other carcinomas. High level expression of EGFR is often associated with advanced disease and poor prognosis. Rat anti Human EGF Receptor antibody, clone ICR10 binds to epitope B from EGFR and has an affinity of 6.7 x 10-9 M. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	EGF R
Immunogen	Extracellular domain of human EGF-receptor from head and neck carcinoma
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Human
Clone	ICR10
Conjugate	FITC
Applications	FC
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	100 µg
Preservative	See individual product datasheet
Storage	in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody.

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Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	EGFR epidermal growth factor receptor [Homo sapiens (human)]
Official Symbol	EGFR
Synonyms	EGFR; epidermal growth factor receptor; ERBB; HER1; mENA; ERBB1; PIG61; NISBD2; proto-oncogene c-ErbB-1; cell growth inhibiting protein 40; erb-b2 receptor tyrosine kinase 1; cell proliferation-inducing protein 61; receptor tyrosine-protein kinase erbB-1;
Entrez Gene ID	1956
Protein Refseq	NP_005219
UniProt ID	P00533
Chromosome Location	7p12
Pathway	AGE/RAGE pathway; Adaptive Immune System; Adherens junction; AhR pathway; Alpha6-Beta4 Integrin Signaling Pathway; Androgen receptor signaling pathway; Arf6 signaling events; Axon guidance;
Function	ATP binding; MAP kinase kinase kinase activity; actin filament binding; chromatin binding; double-stranded DNA binding; enzyme binding; epidermal growth factor binding; epidermal growth factor-activated receptor activity; glycoprotein binding; identical protein binding; integrin binding; contributes_to nitric-oxide synthase regulator activity; protein binding; protein heterodimerization activity; protein kinase binding; protein phosphatase binding; protein tyrosine kinase activity; receptor signaling protein tyrosine kinase activity; transmembrane receptor protein tyrosine kinase activity; transmembrane signaling receptor activity; ubiquitin protein ligase binding;

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