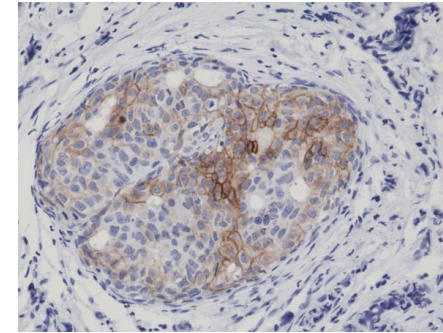


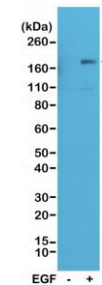
Anti-Phospho-EGFR (Tyr1173) Rabbit Monoclonal Antibody

CATALOG NO:	A1593-50
ALTERNATIVE NAMES:	Proto-oncogene c-ErbB-1, Receptor tyrosine-protein kinase erbB-1
AMOUNT:	100 µl
CLONE:	RM269
IMMUNOGEN:	A phospho-peptide corresponding to human Phospho- EGFR (Tyr1173)
HOST/ISOTYPE:	Rabbit IgG
SPECIES REACTIVITY:	Human
PURIFICATION:	Protein A affinity purified from an animal origin-free culture supernatant
FORM:	Liquid
FORMULATION:	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
SPECIFICITY:	This antibody reacts to human EGF Receptor only when phosphorylated at Tyr1173. There is no cross-reactivity to EGFR without phosphorylation at Tyr1173.
STORAGE CONDITIONS:	For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	The epidermal growth factor receptor (EGFR; ErbB-1; HER1 in humans) is the cell-surface receptor for members of the epidermal growth factor family (EGF family) of extracellular protein ligands. The epidermal growth factor receptor is a member of the ErbB family of receptors, a subfamily of four closely related receptor tyrosine kinases: EGFR (ErbB-1), HER2/c-neu (ErbB-2), Her 3 (ErbB-3) and Her 4 (ErbB-4). Mutations affecting EGFR expression or activity could result in cancer.
APPLICATION:	IHC: 1:500-1:1000 WB: 1:1000-1:5000

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Immunohistochemical staining of formalin fixed and paraffin embedded human breast cancer tissue sections using Anti-Phospho-EGFR (Tyr1173) Rabbit Monoclonal Antibody (clone RM269) at a 1:5000 dilution



Western Blot of A431 cell nontreated (-) or treated (+) with EGF, using Anti-Phospho-EGFR (Tyr1173) Rabbit Monoclonal Antibody (clone RM269) at a 1:500 dilution, showed Phospho-EGFR (Tyr1173) in EGF-treated A431 cells.

RELATED PRODUCTS:

- Phospho-EGFR (Tyr1197) Antibody (Cat. No. A1034)
- EGFR Antibody (Cat. No. 3782)
- Anti-EGFR (Cetuximab), Chimeric Antibody (Cat. No. A1047)
- Anti-EGFR (Panitumumab), Humanized Antibody (Cat. No. A1050)

FOR RESEARCH USE ONLY! Not to be used on humans.