

Cat. No:	AB-81864
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1021-1210 of human EGFR
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1:1000 - 1:5000 Immunohistochemistry (paraffin-embedded tissues) 1:50 - 1:200 Immunofluorescence: 1:100 - 1:500 Immunocytochemistry: 1:100 - 1:500 Immunoprecipitation: 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
Molecular Weight:	175kDa
Purification:	Aff. Pur.
Synonyms:	ERBB; ERBB2; HER1; mENA; ERBB1; PIG61; NISBD2; EGFR
Background:	The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer.
Form:	Liquid
Buffer:	PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.
Storage:	Store at -20°C, and avoid repeat freeze-thaw cycles.

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