

EGFR (Phospho-Tyr1172) Conjugated Antibody

Catalog No: #C11220



Package Size: #C11220-AF350 100ul #C11220-AF405 100ul #C11220-AF488 100ul
 #C11220-AF555 100ul #C11220-AF594 100ul #C11220-AF647 100ul
 #C11220-AF680 100ul #C11220-AF750 100ul #C11220-Biotin 100ul

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Description

Product Name	EGFR (Phospho-Tyr1172) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level EGFR only when phosphorylated at tyrosine 1172.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 1172 (P-D-Y(p)-Q-Q) derived from Human EGFR.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ERBB1;Receptor protein-tyrosine kinase ErbB-1;kinase EGFR
Accession No.	Swiss-Prot#:P00533NCBI Gene ID:1956NCBI mRNA#:NM_005228.3 NCBI Protein#:NP_005219.2
Uniprot	P00533
GeneID	1956;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	175
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Background

Receptor for EGF, but also for other members of the EGF family, as TGF-alpha, amphiregulin, betacellulin, heparin-binding EGF-like growth factor, GP30 and vaccinia virus growth factor. Is involved in the control of cell growth and differentiation. Phosphorylates MUC1 in breast cancer cells and increases the interaction of MUC1 with SRC and CTNNB1/beta-catenin.

Note: This product is for in vitro research use only