

anti-Human Epidermal Growth Factor Receptor (EGFR), phospho-Tyr 845 + Positive Control Monoclonal Antibody | anti-EGFR antibody

MAb to EGFR pTyr 845

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA57805	Host: Mouse Source: Cell Culture	Human	Western Blot, ELISA

PRODUCT SYNONYMS

Epidermal Growth Factor Receptor (EGFR); phospho-Tyr 845 + Positive Control; Monoclonal Antibody; MAb to EGFR pTyr 845; Monoclonal Antibody to Human Epidermal Growth Factor Receptor (EGFR); phosphorylated at Tyrosine 845; anti-EGFR antibody

PRODUCT SPECIFICATIONS

Host	Host: Mouse Source: Cell Culture
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	Epidermal Growth Factor Receptor (EGFR), phospho-Tyr 845 + Positive Control Binding of EGF leads to autophosphorylation of the EGF Receptor at 5 tyrosine residues. In addition, EGF Receptor is phosphorylated by members of the src kinase family at diffe
Purity/Purification	Thiophilic adsorption and size exclusion chromatography
Form/Format	Purified, Lyophilized Reconstitute with 1ml water for 15 minutes at room temperature.
Concentration	100ug/ml (prior to lyophilization) (varies by lot)
Sequence Length	29
Applicable Applications for anti-EGFR antibody	WB (Western Blot), ELISA
Immunogen	Phosphopeptide conjugate
Affinity Constant	Not determined
Buffer	Lyophilized from PBS, PEG and Sucrose
Preservative	0.09% Sodium azide
Lyophilized	Yes
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Warnings	This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1-1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.
Preparation and Storage	Store lyophilized product at -20 degree C. After reconstitution, aliquot and store at -80 degree C. Thawed aliquots may be stored at 2 to 8 degree C for up to 3 months.

IMAGES



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-EGFR antibody	Monoclonal Antibodies to Cytokines and Growth Factors
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NCBI AND UNIPROT INFORMATION

NCBI GI #	553271
NCBI GeneID	1956
UniProt Accession #	P00533; O00688; O00732; P06268; Q14225; Q68GS5; Q92795; Q9BZS2; Q9GZX1; Q9H2C9; Q9H3C9; Q9UMD7; Q147T7; Q2TTR7; Q504U8; Q59FL8; Q68GS6; Q75MF2; Q8WZA5; Q9H3C8
Molecular Weight	134,277 Da
NCBI Official Full Name	epidermal growth factor receptor
NCBI Official Synonym Full Names	epidermal growth factor receptor
NCBI Official Symbol	EGFR
NCBI Official Synonym Symbols	ERBB; HER1; mENA; ERBB1; PIG61
NCBI Protein Information	epidermal growth factor receptor; OTTHUMP00000159661; OTTHUMP00000159662; OTTHUMP00000159663; OTTHUMP00000209210; OTTHUMP00000209211; proto-oncogene c-ErbB-1; cell growth inhibiting protein 40; cell proliferation-inducing protein 61; receptor tyrosine-protein kinase erbB-1; avian erythroblastic leukemia viral (v-erb-b) oncogene homolog
UniProt Protein Name	Epidermal growth factor receptor
UniProt Gene Name	EGFR
UniProt Synonym Gene Names	ERBB1
UniProt Entry Name	EGFR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/epidermal-growth-factor-receptor-egfr-phospho-tyr-845-positive-control-antibody-western-blot-elisa/57805>