

Rabbit anti-Human, Mouse EGFR Monoclonal Antibody | anti-EGFR antibody

EGFR (Phospho-Y1092) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA310999	Rabbit	Human, Mouse	Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot

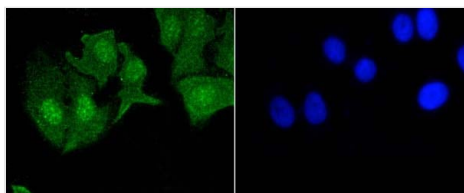
PRODUCT SYNONYMS

EGFR; Monoclonal Antibody; EGFR (Phospho-Y1092) Antibody; Avian erythroblastic leukemia viral (v erb b) oncogene homolog antibody; Cell growth inhibiting protein 40 antibody; Cell proliferation inducing protein 61 antibody; EGF R antibody; EGFR antibody; EGFR_HUMAN antibody; Epidermal growth factor receptor (avian erythroblastic leukemia viral (v erb b) oncogene homolog) antibody; Epidermal growth factor receptor (erythroblastic leukemia viral (v erb b) oncogene homolog avian) antibody; Epidermal growth factor receptor antibody; erb-b2 receptor tyrosine kinase 1 antibody; ERBB antibody; ERBB1 antibody; Errp antibody; HER1 antibody; mENA antibody; NISBD2 antibody; Oncogen ERBB antibody; PIG61 antibody; Proto-oncogene c-ErbB-1 antibody; Receptor tyrosine protein kinase ErbB 1 antibody; Receptor tyrosine-protein kinase ErbB-1 antibody; SA7 antibody; Species antigen 7 antibody; Urogastrone antibody; v-erb-b Avian erythroblastic leukemia viral oncogen homolog antibody; wa2 antibody; Wa5 antibody; anti-EGFR antibody

PRODUCT SPECIFICATIONS

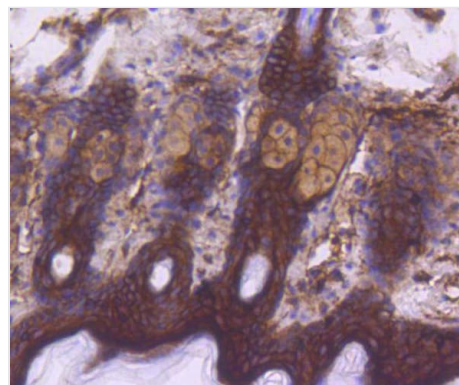
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	SJ0194
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-EGFR antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Tyr1092 of human EGFR.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



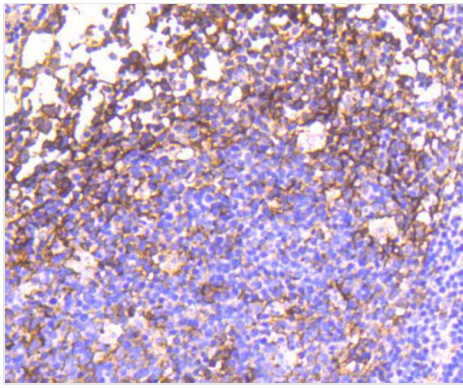
ICC (Immunocytochemistry)

ICC staining Phospho-EGFR (Y1092) in BT-20 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



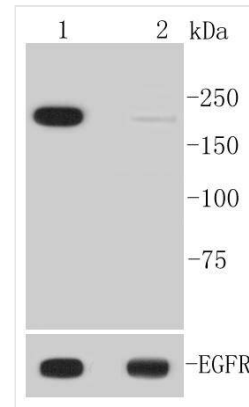
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse skin tissue using anti-Phospho-EGFR (Y1092) antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Phospho-EGFR (Y1092) antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Phospho-EGFR (Y1092) on different lysates using anti-Phospho-EGFR (Y1092) antibody at 1/1,000 dilution. Positive control: Lane 1: A431 treated with EGF. Lane 2: Untreated A431.

ADDITIONAL INFORMATION

Related Product Information for anti-EGFR antibody

Epidermal growth factor mediates its effects on cell growth through its inter-action with a cell surface glycoprotein designated the EGF receptor. Binding of EGF or TGF alpha to the EGF receptor activates tyrosine-specific protein kinase activity intrinsic to the EGF receptor. The carboxy terminal tyrosine residues on EGFR, Tyr 1068 and Tyr 1173, are the major sites of autophosphorylation, which occurs as a result of EGF binding. Once activated, EGFR mediates the binding of the phosphotyrosine binding (PTB) domain of GRB2 through direct interactions with Tyr 1068 and Tyr 1086 and through indirect interactions with Tyr 1173 in the Ras signaling pathway. Tyr 1173 of EGFR also functions as a kinase substrate. Phosphorylation of Tyr 992, Tyr 1068 and Tyr 1086 is required for conformational change in the C-terminal tail of the EGF receptor.

Product Categories/Family for anti-EGFR antibody

Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	29725609
NCBI GeneID	1956
NCBI Accession #	NP_005219.2
NCBI GenBank Nucleotide #	NM_005228.3
UniProt Accession #	P00533; O00688; O00732; P06268; Q14225; Q68GS5; Q92795; Q9BZS2; Q9GZX1; Q9H2C9; Q9H3C9; Q9UMD7
Molecular Weight	134,277 Da
NCBI Official Full Name	epidermal growth factor receptor isoform a
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; 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	ERBB; ERBB1; HER1
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/egfr-antibody-clone-sj0194-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/310999>