

Rabbit EGFR Monoclonal Antibody | anti-EGFR antibody

EGFR (Phospho-S695) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311023	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot

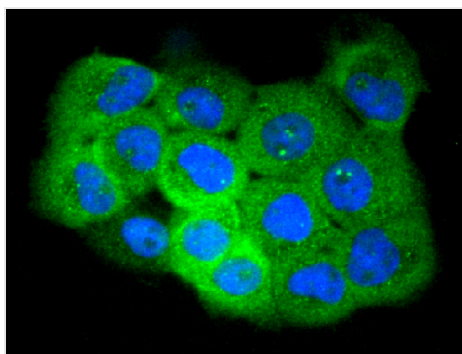
PRODUCT SYNONYMS

EGFR; Monoclonal Antibody; EGFR (Phospho-S695) 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

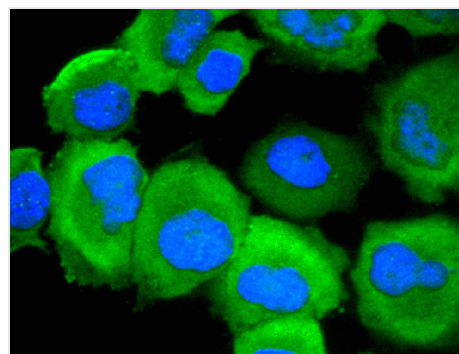
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SN07-36
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	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Ser695 of human EGFR.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

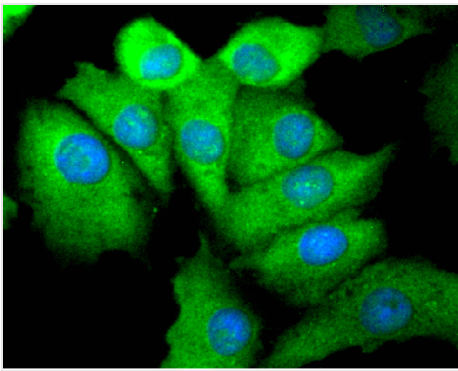
IMAGES


ICC (Immunocytochemistry)

ICC staining Phospho-EGFR (S695) in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.


ICC (Immunocytochemistry)

ICC staining Phospho-EGFR (S695) in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Phospho-EGFR (S695) in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

ADDITIONAL INFORMATION

Related Product Information for anti-EGFR antibody	The EGF receptor family comprises several related receptor tyrosine kinases that are frequently overexpressed in a variety of carcinomas. Members of this receptor family include EGFR (HER1), Neu (ErbB-2, HER2), ErbB-3 (HER3) and ErbB-4 (HER4), which form either homodimers or heterodimers upon ligand binding. Exons in the EGFR gene product are frequently either deleted or duplicated to produce deletion mutants (DM) or tandem duplication mutants (TDM), respectively, which are detected at various molecular weights. EGFR binds several ligands, including epidermal growth factor (EGF), transforming growth factor alpha (TGFalpha), Amphiregulin and heparin binding-EGF (HB-EGF). Ligand binding promotes the internalization of EGFR via Clathrin-coated pits and its subsequent degradation in response to its intrinsic tyrosine kinase. EGFR is involved in organ morphogenesis and maintenance and repair of tissues, but upregulation of EGFR is associated with tumor progression. The oncogenic effects of EGFR include initiation of DNA synthesis, enhanced cell growth, invasion and metastasis. Abrogation of EGFR results in cell cycle arrest, apoptosis or dedifferentiation of cancer cells, suggesting that EGFR may be an effective therapeutic target.
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

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-sn07-36-flow-cytometry-immunoprecipitation-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/311023>