

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

Anti-EGFR Antibody

CATALOG # AAA249063	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

EGFR; Monoclonal Antibody; Anti-EGFR Antibody; ERBB; ERBB1; HER1; mENA; PIG61; Proto oncogene c ErbB 1; anti-EGFR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2C9
Purity/Purification	>=95% as determined by SDS-PAGE Protein A+G purified
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Sequence Length	1210
Applicable Applications for anti-EGFR antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Epidermal growth factor receptor
Preparation and Storage	Store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles.

IMAGES



SDS-PAGE

PC-3 cells were subjected to SDS PAGE followed by western blot with AAA249063(EGFR Antibody) at dilution of 1:5000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer slide using AAA249063(EGFR Antibody) at dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-EGFR antibody	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.
Product Categories/Family for anti-EGFR antibody	Signal Transduction; Immunology; Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	29725609
NCBI GeneID	1956
NCBI Accession #	NP_005219.2
NCBI GenBank Nucleotide #	NP_005219.2
UniProt Accession #	P00533
Molecular Weight	Observed MW: 140-160kDa
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; NISBD2
NCBI Protein Information	epidermal growth factor receptor
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-2c9-immunohistochemistry-western-blot-elisa/249063>