anti-EGFR antibody

Product Information
Catalog No.: FNab10146
Size: 100μg
Form: liquid
Purification: protein A+G purified
Purity: ≥95% as determined by SDS-PAGE
Host: Mouse
Clonality: monoclonal
Clone ID: 2C9
IsoType: IgG1
Storage: PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 24 months (Avoid repeated freeze / thaw cycles.)

Background
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.

Immunogen information
Immunogen: epidermal growth factor receptor
Synonyms: EGFR, ERBB, ERBB1, HER1, mENA, PIG61, Proto oncogene c ErbB 1
Observed MW: 140-160 kDa
Uniprot ID: P00533

Application
Reactivity: Human; other species are not tested. Please decide the specificity by homology
Tested Application: ELISA, WB, IHC
Recommended dilution: WB: 1:2000 - 1:10000; IHC: 1:100 - 1:1000
Image:
Immunohistochemistry of paraffin-embedded human lung cancer slide using FNa10146 (EGFR Antibody) at dilution of 1:500

PC-3 cells were subjected to SDS PAGE followed by western blot with FNab10146 (EGFR Antibody) at dilution of 1:5000