

EGFR(E746-A750)DEL

EGFR(E746-A750)del

Cat. #: 26235

Gene Symbol: EGFR/HER1/ERBB1

Description: Anti-EGFR(E746-A750)del Mouse Monoclonal Antibody

Background: EGFR is a receptor tyrosine kinase binding ligands of the EGF family and activating several signaling cascades to convert extracellular cues into appropriate cellular responses. It activates at least 4 major downstream signaling cascades including the RAS-RAF-MEK-ERK, PI3 kinase-AKT, PLCgamma-PKC and STATs modules. Defects in EGFR are associated with lung cancer (LNCR).

Immunogen: A synthetic peptide from the internal region of EGFR which includes the deletion of E746-A750, human origin.

Applications: ELISA, WB

Recommended Dilutions:

ELISA: 1:1000-1:5000

WB: 1:500-1:1000

Concentration: 1 mg/ml

Host Species: Mouse

Format: Liquid

Clonality: Monoclonal

Isotype:

Purity: Purified from ascites

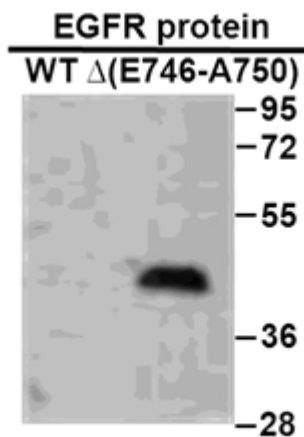
Preservative: No

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Recognizes EGFR(E746-A750), but not wild type EGFR of vertebrates.

Storage Conditions: Store at -20°C. Avoid freeze/thaw cycles

Western blot:



WB: Anti- EGFR Δ (E746-A750) mAb

Western blot analysis of recombinant EGFR(E746-A750) and wild type proteins.

Purified His-tagged EGFR(E746-A750)del protein (aa 702-987) and wild type protein (aa 702-987) were blotted with anti- EGFR(E746-A750)del mouse antibody (Cat. #26235).