

EGFR (E746-A750)del

Catalog Number: 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.

Tested applications: ELISA, WB

Recommended dilutions:

ELISA: 1:1000-1:5000

WB: 1:500-1:1000

Concentration: 1 mg/ml

Host: Mouse

Clonality: Monoclonal

Purity: Purified from ascites

Format: Liquid

Storage buffer:

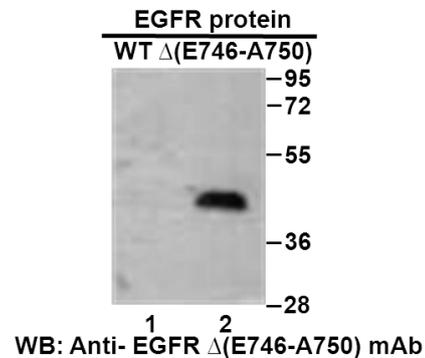
Preservative: no

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:



Western blot analysis of recombinant EGFR (E746-A750) and wildtype 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).