

EGFRvIII (2C10) monoclonal antibody

Catalog: BCP00699

Host: Mouse

Reactivity: Human,Mouse,Rat

BackGround:

EGFR variant III (EGFRvIII) is a truncated, constitutively active mutant form of EGFR that results from an in-frame deletion of exons 2-7. EGFRvIII is expressed in various cancers, most notably glioblastoma, where it is expressed at a frequency of 25-30%. Although complicated by the fact that it is often co-expressed with amplified EGFR, EGFRvIII is a potential therapeutic target.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 170 kDa

Swiss-Prot:

P00533

Purification&Purity:

The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

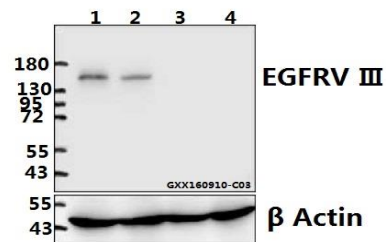
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

EGFR vIII mAb detects endogenous levels of EGFR vIII protein.

DATA:



Western blot (WB) analysis of EGFR vIII mAb at 1:1000 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:SGC7901 whole cell lysate(40ug)

Lane3:NIH-3T3 whole cell lysate(40ug)

Lane4:C6 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.