

Product datasheet for **TA392967**

EGFR Mouse Polyclonal Antibody

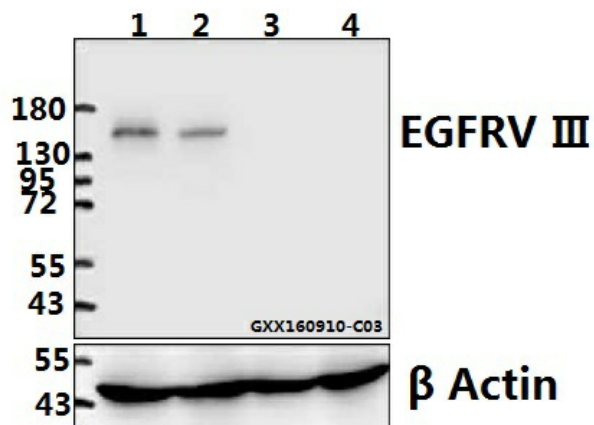
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to residues in Human EGFRvIII Peptide (LEEKKGNYVTDHC).
Specificity:	EGFR vIII mAb detects endogenous levels of EGFR vIII protein.
Formulation:	1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 170 kDa
Gene Name:	epidermal growth factor receptor
Database Link:	Entrez Gene 1956 Human P00533
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.
Synonyms:	EGFR class III variant; EGF Receptor vIII; EGFR variant III; EGFR vIII
Note:	For research use only, not for use in diagnostic procedure.



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Product images:



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)