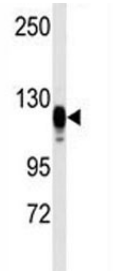
EGF Receptor Antibody (F50598)

Catalog No.	Formulation	Size
F50598-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50598-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

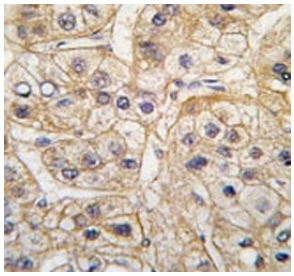
Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P00533
Localization	Cytoplasmic, membranous
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50
Limitations	This EGF Receptor antibody is available for research use only.



Western blot testing of mouse kidney tissue lysate with EGF Receptor antibody.

Western blot analysis of EGF Receptor antibody and HeLa cell lysate, either induced (Lane 1) or noninduced with EGF (2). Expected molecular weight: ~134/170 kDa (unmodified/glycosylated).



EGF Receptor Antibody Hepatocarcinoma IHC. Immunohistochemistry analysis of FFPE human hepatocarcinoma tissue stained with the EGF Receptor antibody.

Description

The epidermal growth factor receptor is the cell-surface receptor for members of the epidermal growth factor family (EGF-family) of extracellular protein ligands. The epidermal growth factor receptor is a member of the ErbB family of receptors, a subfamily of four closely related receptor tyrosine kinases: EGFR (ErbB-1), HER2/c-neu (ErbB-2), Her 3 (ErbB-3) and Her 4 (ErbB-4). Mutations affecting EGFR expression or activity could result in cancer.

Explore our EGFR Antibody (31G7) page for a broader view of EGFR expression and extensively validated antibody performance across applications.

Application Notes

Titration of the EGF Receptor antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1048-1077 from the human protein was used as the immunogen for this EGF Receptor antibody.

Storage

Aliquot the EGF Receptor antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.