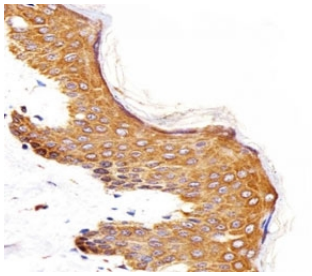
Epidermal Growth Factor Receptor Antibody (F47591)

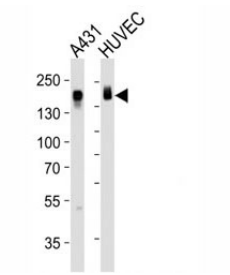
Catalog No.	Formulation	Size
F47591-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47591-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Chicken
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P00533
Localization	Cytoplasmic, membranous
Applications	IHC (Paraffin) : 1:25 Western Blot : 1:1000
Limitations	This Epidermal Growth Factor Receptor antibody is available for research use only.



IHC analysis of FFPE human skin section using Epidermal Growth Factor Receptor antibody; Ab was diluted at 1:25.



Epidermal Growth Factor Receptor Antibody A431 and HUVEC WB. Western blot analysis of lysate from A431, HUVEC cell line (left to right) using Epidermal Growth Factor Receptor antibody; Ab was diluted at 1:1000 for each lane. Expected molecular weight: ~134/170 kDa (unmodified/glycosylated).

Description

The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. Multiple alternatively spliced transcript variants that encode different protein isoforms have been found for this gene.

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

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Epidermal Growth Factor Receptor antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 259-287 from the human protein was used as the immunogen for this Epidermal Growth Factor Receptor antibody.

Storage

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

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