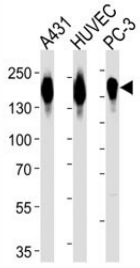
Anti-EGFR Antibody (F49183)

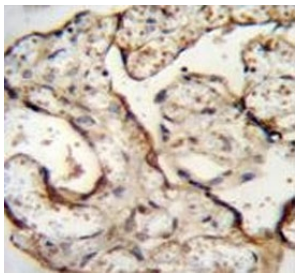
Catalog No.	Formulation	Size
F49183-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49183-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

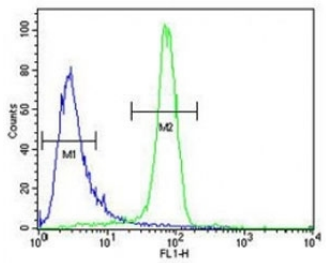
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P00533
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
Limitations	This anti-EGFR antibody is available for research use only.



Western blot analysis of lysate from A431, HUVEC, PC3 cell line (left to right) using anti-EGFR antibody diluted at 1:1000 for each lane.



Anti-EGFR antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue.



Anti-EGFR antibody flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

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.

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 anti-EGFR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1004-1033 from the human protein was used as the immunogen for this anti-EGFR antibody.

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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