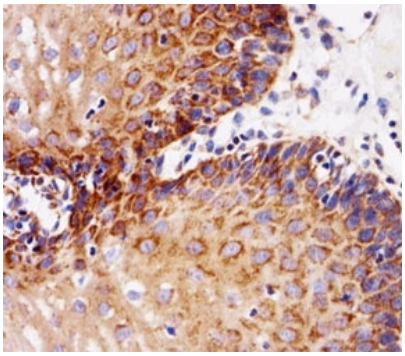
EGF Receptor Antibody [clone 688CT33.1.3] (F40405)

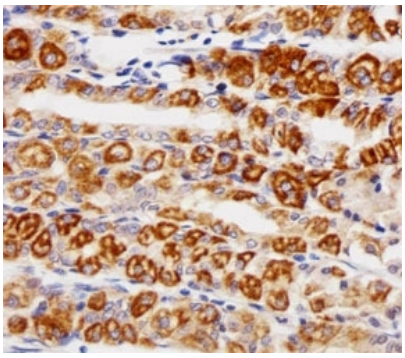
Catalog No.	Formulation	Size
F40405-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40405-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

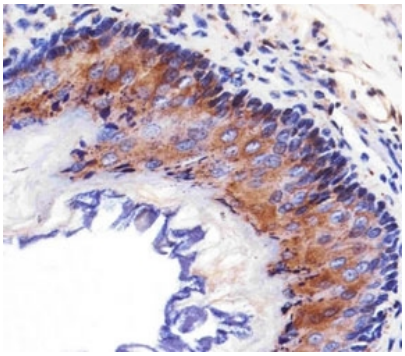
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	688CT33.1.3
Purity	Purified
UniProt	P00533
Localization	Cytoplasmic, membranous
Applications	IHC (Paraffin) : 1:25 Western blot : 1:1000
Limitations	This EGF Receptor antibody is available for research use only.



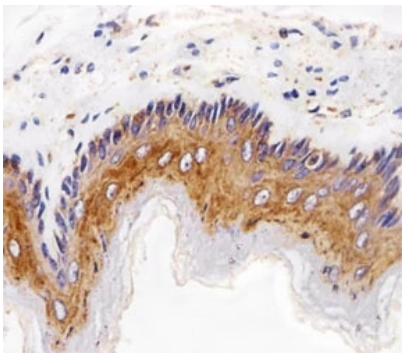
Immunohistochemical analysis of paraffin-embedded human esophagus using EGF Receptor antibody at 1:25 dilution.



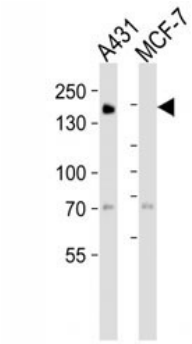
Immunohistochemical analysis of paraffin-embedded human stomach using EGF Receptor antibody at 1:25 dilution.



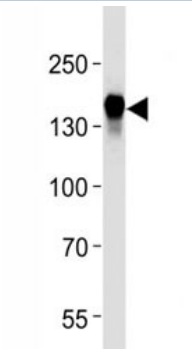
Immunohistochemical analysis of paraffin-embedded mouse esophagus using EGF Receptor antibody at 1:25 dilution.



Immunohistochemical analysis of paraffin-embedded rat esophagus using EGF Receptor antibody at 1:25 dilution.



Western blot analysis of lysate from A431, MCF-7 cell line (left to right) using EGF Receptor antibody at 1:1000 for each lane. Expected molecular weight: ~134/170 kDa (unmodified/glycosylated).



EGF Receptor antibody western blot analysis in HeLa lysate. 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.

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 1163-1191 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.

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