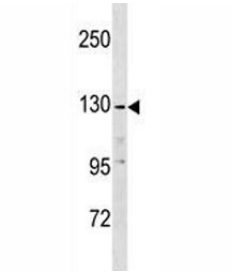
Anti-EGF Antibody (F47084)

Catalog No.	Formulation	Size
F47084-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47084-0.08ML	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	P01133
Localization	Cytoplasmic
Applications	Western blot: 1:1000
Limitations	This anti-EGF antibody is available for research use only.



Anti-EGF antibody western blot analysis in K562 lysate. Predicted band size : 134 kDa but routinely observed at 134-160kDa.

Description

This gene encodes a member of the epidermal growth factor superfamily. The encoded protein is synthesized as a large precursor molecule that is proteolytically cleaved to generate the 53-amino acid epidermal growth factor peptide. This protein acts a potent mitogenic factor that plays an important role in the growth, proliferation and differentiation of numerous cell types. This protein acts by binding the high affinity cell surface receptor, epidermal growth factor receptor. Defects in this gene are the cause of hypomagnesemia type 4. Dysregulation of this gene has been associated with the

growth and progression of certain cancers. Alternate splicing results in multiple transcript variants.

Application Notes

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

Immunogen

A portion of amino acids 940-967 from the human protein was used as the immunogen for this anti-EGF antibody.

Storage

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

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