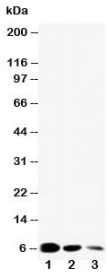
EGF Antibody (R30469)

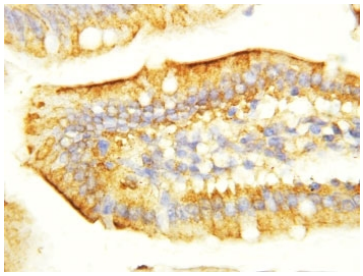
Catalog No.	Formulation	Size
R30469	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P01132
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This EGF antibody is available for research use only.



Western blot testing of EGF antibody and Lane 1: recombinant mouse partial protein 10ng; 2: 5ng; 3: 2.5ng



IHC-P: EGF antibody testing of mouse intestine tissue

Description

Epidermal growth factor (EGF) is a growth factor that plays an important role in the regulation of cell growth, proliferation and differentiation by binding to its receptor EGFR. EGF locus is mapped to 4q21-4qter. Human EGF is a mature 6045-Da protein with 53 amino acid residues and three intramolecular disulfide bones. EGF results in cellular proliferation, differentiation, and survival while plays an important physiological role in the maintenance of oro-esophageal and gastric tissue integrity.

Application Notes

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

Immunogen

An amino acid sequence from the C-terminus of mouse EGF (YSGDRCQTRDLRWWELR) was used as the immunogen for this EGF antibody.

Storage

After reconstitution, the EGF antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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