

EGF Antibody (clone 9D7F11)
Mouse Monoclonal Antibody
Catalog # ALS13178**Specification**

EGF Antibody (clone 9D7F11) - Product Information

Application	IHC
Primary Accession	P01133
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	134kDa KDa

EGF Antibody (clone 9D7F11) - Additional Information**Gene ID** 1950**Other Names**

Pro-epidermal growth factor, EGF, Epidermal growth factor, Urogastrone, EGF

Target/Specificity

Human EGF

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

EGF Antibody (clone 9D7F11) is for research use only and not for use in diagnostic or therapeutic procedures.

EGF Antibody (clone 9D7F11) - Protein Information**Name** EGF**Function**

EGF stimulates the growth of various epidermal and epithelial tissues in vivo and in vitro and of some fibroblasts in cell culture. Magnesiotropic hormone that stimulates magnesium reabsorption in the renal distal convoluted tubule via engagement of EGFR and activation of the magnesium channel TRPM6. Can induce neurite outgrowth in motoneurons of the pond snail *Lymnaea stagnalis* in vitro (PubMed:10964941).

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Expressed in kidney, salivary gland, cerebrum and prostate.

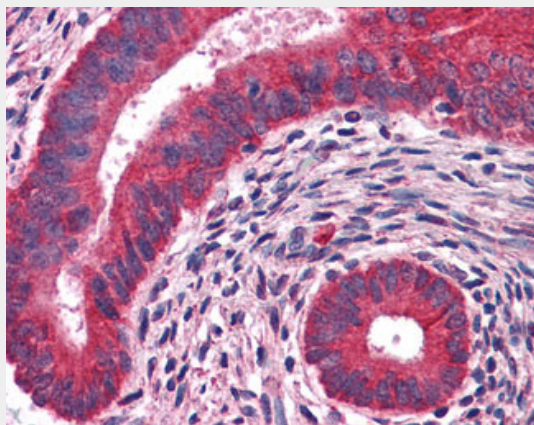
Volume
50 µl

EGF Antibody (clone 9D7F11) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EGF Antibody (clone 9D7F11) - Images



Anti-EGF antibody IHC of human uterus.

EGF Antibody (clone 9D7F11) - Background

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EGF Antibody (clone 9D7F11) - References

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Ota T., et al. Nat. Genet. 36:40-45(2004).
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Gregory H., et al. Int. J. Pept. Protein Res. 9:107-118(1977).
Furuya M., et al. Biochem. Biophys. Res. Commun. 163:1100-1106(1989).