

## Human EGF antiserum (Rabbit)

### Description

Human epidermal growth factor (EGF) antiserum was prepared by immunising rabbits with human EGF conjugated to ovalbumin. It cross-reacts 100% with human EGF and 56% with L-EGF. Cross-reactivity to human TGF- $\alpha$  is < 0.01%. This antiserum can be used to develop immune based assays and detection systems for human EGF.

**Reference:** Xian CJ *et al* (1996) Journal of Molecular Endocrinology **16**, 89-97

**Immunogen:** Human EGF conjugated to ovalbumin

**Source:** Rabbit antiserum

**Specificity:** Human EGF and porcine EGF 100%.  
L- EGF 56%.  
Mouse EGF, Human TGF- $\alpha$ , L- TGF- $\alpha$  <0.01%.

**Appearance:** Lyophilized powder

**Storage/Stability:** At least 2 years at 2 - 4°C (lyophilized).  
After reconstitution store at -20°C or -80°C  
Avoid freeze-thaw cycles

**Reconstitution:** Dissolve the vial contents in 50 $\mu$ l sterile water and dilute in a buffer suitable for the application.

**Application and Titre:** Each application and titre should be determined in house but as a guideline:  
Determination of EGF by radioimmunoassay 1:500,000.  
Immunocytochemistry ~1:500.  
Western blotting 1:5000.

### Product Codes and Pricing

**Human EGF antiserum**      **5  $\mu$ l**      **PAD1**

**Related Products:** Human L-EGF

**\*\*NOT FOR USE IN HUMANS\*\***

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