

## Polyclonal Sheep anti Human EGF

### ORDERING INFORMATION

Catalog Number: hAP-5150  
Size: 50 µg  
Storage: < -20 °C  
Immunogen: E. coli-derived recombinant human EGF  
Ig Type: IgG  
Purification: Antigen Affinity Purified  
Applications: WB IHC N/B

#### ***Preparation:***

This antibody was produced from a sheep immunized with purified human EGF protein.

#### ***Formulation and Storage:***

The IgG fraction of immunized serum was purified by antigen affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

#### ***Reconstitution:***

Reconstitute the antibody with 100 µl sterile PBS and the final concentration is 500µg/ml. Reconstituted antibody can also be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

#### ***Specificity:***

Detects human EGF in direct ELISAs and Western blots. In direct ELISAs, approximately 20% cross reactivity with recombinant rat EGF is observed, 10% cross reactivity with recombinant mouse EGF, and less than 1% cross reactivity with recombinant human (rh) AR, rhBTC, rhHB-EGF, rhHRG- $\alpha$ , or rhHRG1- $\beta$ 1 is observed.

#### ***Applications:***

WB	Yes	1 : 1000 - 2000
IHC (Paraffin / Frozen)	Yes	1 : 50 - 100
N / B	Yes	

*Optimal dilutions should be determined by each laboratory for each application.*

The listed dilutions are for recommendation only and the final conditions should be optimized by the end users!

**This product is sold for Research Use Only !**