

## EGF, Human pAb

<b>Catalog No.</b>	PAD1 5PAD1	<b>Quantity:</b>	5 µl 25 µl
<b>Alternate Names:</b>	Epidermal Growth Factor		
<b>Description:</b>	The optimal concentration should be determined by the user for each specific application.		
<b>Specificity:</b>	As determined by radioimmunoassay: 100 % cross-reactivity with Pig EGF 56 % LONG™human EGF < 0.01 % Mouse EGF < 0.01 % Human TGF-α < 0.01 % LONG™R <sup>3</sup> IGF-I		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	Recombinant human EGF (conjugated to ovalbumin)		
<b>Formulation:</b>	Lyophilized		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Dissolve in 50 µl sterile water (a 1/10 dilution). Dilute in a buffer suitable for the desired application		
<b>Cross-Reactivity:</b>	Pig		
<b>Storage &amp; Stability:</b>	At least 2 years at 2-4°C (lyophilized). After reconstitution store at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Applications:</b>	Radioimmunoassay: working dilution of 1:500,000 At a dilution of 1:500,000 the antiserum binds 30% of fresh [ <sup>125</sup> I]hEGF tracer. Half-maximal inhibition (ED <sub>50</sub> ) of radioligand binding is produced by 1.4 ng/ml of human EGF. Limit of detection is 0.3 ng/ml. Immunohistochemistry: working dilution of 1:100-1:600 Western Blot: working dilution of 1:1000-1:5000		

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

