

## **GFP antibody [rabbit polyclonal]**

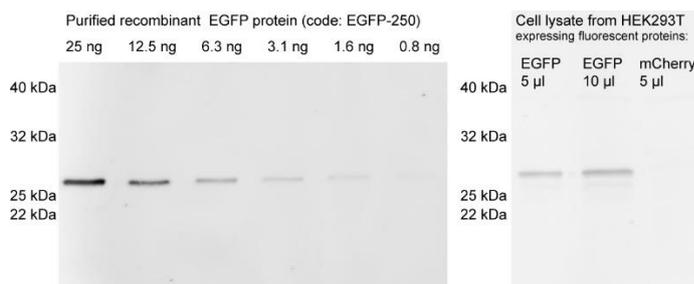
*Product code: PABG1*

<b>Relevance</b>	Green fluorescent proteins are attractive tools for a variety of research applications. The first green fluorescent protein (GFP) has been isolated from <i>Aequorea victoria</i> and has a molecular weight of 27 kDa. Genetic mutations of GFP resulted in fluorescent proteins with different excitation and emission spectra e.g. EGFP, YFP, CFP.
<b>Specificity</b>	This antibody is reactive against different variants of <i>Aequorea victoria</i> GFP such as wtGFP, EGFP, tagGFP, YFP, CFP, pHluorin. This antibody <u>does not</u> recognize turboGFP or mNeonGreen fluorescent proteins.
<b>Description</b>	Rabbit polyclonal antibody to Green Fluorescent Proteins
<b>Immunogen</b>	Recombinant full-length EGFP
<b>Product Type</b>	Primary antibody
<b>Isotype</b>	IgG, rabbit polyclonal
<b>Purity</b>	Affinity-purified antibody
<b>Form</b>	Liquid
<b>Storage Buffer</b>	Buffered aqueous solution. Preservative: 0.09% Sodium Azide Safety datasheet (SDS) for this product: <a href="#">Sodium Azide SDS</a>
<b>Concentration</b>	1 g/L
<b>Conjugate</b>	Unconjugated
<b>Size</b>	20 µL; 100 µL
<b>Storage instructions</b>	Shipped at +4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C long term. Avoid freeze-thaw cycles. Stable for one year.
<b>Applications</b>	<ul style="list-style-type: none"> <li>Western blot: recommended starting dilution 1:1000</li> <li>IF/ICC: recommended starting dilution 1:1000</li> </ul> <p>The optimal dilution depends on the application and should be determined by the end user. A titration from 1:200 up to 1:2000 is recommended.</p>
<b>Positive control</b>	Purified EGFP protein (e.g. ChromoTek <i>EGFP-250</i> ), or cells overexpressing EGFP

### **Tested applications**

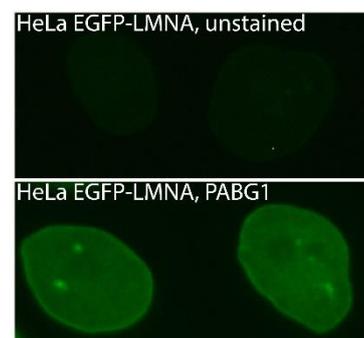
#### **Western Blot**

Primary antibody: anti-GFP PABG1 1:1000  
Secondary antibody: anti-rabbit\_Alexa647 1:2000



#### **Immunofluorescence**

Primary antibody: anti-GFP PABG1 1:1000  
Secondary antibody: anti-rabbit\_Alexa488 1:500



*Only for research applications, not for diagnostic or therapeutic use.*