



# Anti-GFP-HRP

## Anti-Green Fluorescent Protein-Horseradish Peroxidase

Order No. 130-091-833

### Antibodies

#### 1. Description

<b>Components</b>	Purified monoclonal anti-GFP antibody conjugated to Horseradish Peroxidase (isotype: mouse IgG1).
<b>Size</b>	100 µL
<b>Suggested dilution range</b>	1:1,000–1:5,000 for ELISA and Western blotting with chromogenic substrates. 1:5,000–1:10,000 for Western blotting with ECL substrates.
<b>Product format</b>	The peroxidase-conjugated antibody is supplied in an aqueous saline solution, pH 6.5–7.5 and contains 0.02% methylisothiazolone (MIT) and 0.02% bromonitrodioxane (BND) as preservatives.
<b>Storage</b>	For continuous use, store undiluted antibody conjugate at 4–8 °C for up to 6 months. For extended storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended.

#### 1.1 Background and product application

The anti-GFP-HRP conjugate detects wild-type GFP from *Aequorea victoria* and mutant GFPs (e.g. EGFP, CFP, YFP, BFP), as well as GFP fusion proteins expressed in prokaryotic and eukaryotic cells. Use of anti-GFP-HRP eliminates the need for a secondary detection step.

#### Example of applications

- Single step detection of wildtype and mutant GFP by Western blot analysis or ELISA.
- Single step detection of GFP fusion proteins by Western blot analysis or ELISA.
- Single step detection of GFP tagged proteins after isolation with µMACS GFP Isolation Kit (# 130-091-125) by Western blot analysis or ELISA.

**Warning! Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.**

#### Warranty

The products sold hereunder are warranted only to be free from defects in workmanship and material at the time of delivery to the customer. MILTENYI BIOTECH GmbH makes no warranty or representation, either expressed or implied, with respect to the fitness of a product for a particular purpose. There are no warranties, expressed or implied, which extend beyond the technical specifications of the products. MILTENYI BIOTECH GmbH's liability is limited to either replacement of the products or refund of the purchase price. MILTENYI BIOTECH GmbH is not liable for any property damage, personal injury or economic loss caused by the product.

140-001-252.01

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