Description:
Monoclonal Antibody against Green Fluorescent Protein (GFP)

Clone:
B34

Host:
Mouse

IsoType:
IgG1

Specificity:
Green Fluorescent Protein (GFP) is a single chain 238 amino acid protein derived from the jellyfish Aequoria victoria. GFP emits a bright green fluorescence when illuminated with UV or blue light and is a useful tool for cellular and developmental biologists. Unlike other bioluminescent molecules, GFP does not require additional proteins, substrates or co-factors for its activity. Antibody B34, generated against purified wild type GFP, offers an alternative for detecting GFP and GFP variants including enhanced/mutant GFP.

Uses:
This antibody is effective in immunoblotting of GFP labeled proteins.

Suggested Working Dilution:
The optimal working dilution should be determined for each specific assay condition. This antibody is sold for laboratory research use only, not for human or in-vivo use. Covance antibodies may not be resold or modified for resale without prior written approval.

• Western blot: 1:5,000*

Notes:
*Predicted MW = 27 kD.

Storage:
Store at -20°C. Upon initial thawing, apportion into working aliquots and store at -20°C. Avoid repeated freeze-thaw cycles to prevent denaturing the antibody. For long-term storage, keep the antibody at -80°C.

References:


See reverse side for additional information


**Warranty/Conditions:**
Covance products may not be resold or modified for resale without prior written approval. All sales are subject to Covance Antibody Products Terms and Conditions of Sale.

**Datasheet Revision Date:**
11/6/2011

**Related Products:**
- Green Fluorescent Protein (GFP) Monoclonal Antibody, Purified Catalog Number MMS-118P