

Product Datasheet

GFP antibody (orb345330)

Description

GFP antibody

Species/Host

Mouse

Reactivity

Other

Conjugation

Unconjugated

Tested Applications

DOT, ELISA, FC, IF, IHC, IP, WB

Immunogen

Recombinant Green Fluorescent Protein (GFP) fusion protein corresponding to the full length amino acid sequence (246 aa) derived from the jellyfish *Aequorea victoria*.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

1.0 mg/mL

Storage

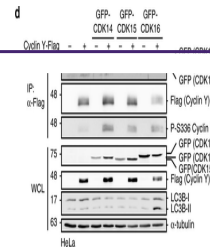
Store mouse anti-GFP at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note

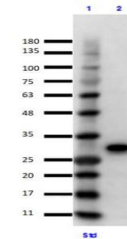
For research use only

Application notes

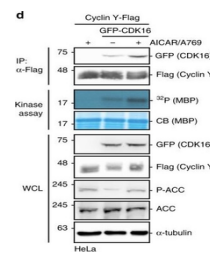
Monoclonal anti-GFP is designed to detect enhanced GFP and GFP containing recombinant proteins. Tested in ELISA, IP, and WB and suitable in FACS, IHC, IF. This antibody can be used to detect GFP by ELISA (sandwich or capture) for the direct binding of antigen. Biotin conjugated monoclonal anti-GFP is well suited to titrate GFP in a sandwich ELISA in combination with Rockland's polyclonal anti-GFP (600-101-215) as the capture antibody. Only use the monoclonal form for the detection of enhanced or recombinant GFP. Polyclonal anti-GFP detects all variants of GFP tested to date. The biotin conjugated detection antibody is typically used with streptavidin conjugated HRP (code # S000-03) or other streptavidin conjugates. The use of polyclonal anti-GFP results in significant amplification of signal when fluorochrome conjugated polyclonal anti-GFP is used relative to the fluorescence of GFP alone. For immunoblotting use either alkaline phosphatase or peroxidase conjugated anti-GFP to detect GFP



Active Cyclin Y/CDK16 complexes induce a...



Immunoprecipitation/Western Blot using G...



Protein microarray screen for the identi...