

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



GFP-tag (3A10) Peptide

Cat No.: AP0675MP

Background

Green fluorescent protein (GFP) is a 27 a protein derived from the jellyfish *Aequorea victoria*, which emits green light (emission peak at a wavelength of 509 nm) when excited by blue light (excitation peak at a wavelength of 395 nm). GFP has become an invaluable tool in cell biology research, since its intrinsic fluorescence can be visualized in living cells. GFP fluorescence is stable under fixation conditions and suitable for a variety of applications. GFP has been widely used as a reporter for gene expression, enabling researchers to visualize and localize GFP-tagged proteins within living cells without the need for chemical staining. Other applications of GFP include assessment of protein protein interactions through the yeast two hybrid system and measurement of distance between proteins through fluorescence energy transfer (FRET) protocols.

Swiss-Prot

N/A

Applications

Blocking

Specificity

This peptide can be used with studies using AP0675M GFP-tag (3A10) mAb.

Purification & Purity

Synthetic peptide GFP-tag (3A10). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.