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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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GFP (Green Fluorescent Protein). Mouse Monoclonal Antibody

BACKGROUND

Green Fluorescent Protein (GFP) from Jellyfish (*Aequorea Victoria*) is a 27kDa protein that provides strong visible fluorescence. GFP can be used as a reporter of gene expression, a tracer of cell lineage, and a fusion tag to monitor protein localization from living cells. It can also be used to access protein-protein interactions in yeast two hybrid systems and measure distances between proteins in fluorescence energy transfer (FRET).

IMMUNOGEN

Hybridoma produced by the fusion of splenocytes of mice immunized with full-length green fluorescent protein and mouse myeloma cells.

POSITIVE CONTROL/TISSUE EXPRESSION

Purified Green Fluorescent Protein

COMMENTS

Antibody can be used for Western blotting (1-10 $\mu\text{g/ml}$). Optimal concentration should be evaluated by serial dilutions.

ORDERING INFORMATION

CATALOG NUMBER

X1574M

SIZE

100 μg

FORM

Unconjugated

HOST/CLONE

Mouse Clone F56-BA1.2.3

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Western Blot

SPECIES REACTIVITY

N/A

ACCESSION NUMBER

,

PURIFICATION

Protein A/G Chromatography

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

1. Prasher,D.C et.al. "Primary structure of the Aequorea victoria green-fluorescentprotein." Gene 111 (2), 229-233 (1992)
2. Inouye,S. and Tsuji,F.I. "Aequorea green fluorescent protein. Expression of the gene and fluorescence characteristics of the recombinant protein" FEBS Lett. 341 (2-3), 277-280 (1994)
3. Cody,C.Wet.al. "Chemical structure of the hexapeptide chromophore of the Aequorea green-fluorescent protein" Biochemistry 32 (5), 1212-1218 (1993)