

## Anti-GAPDH Mouse Monoclonal Antibody (2B5), AbFluor™ 488 Conjugated

Cat #: A01020A488

Size: 100µl

### Product Information

|                                                                                   |                                                                                                        |                                                                                   |                                           |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                                                                                   | <b>Product Name:</b> Anti-GAPDH Mouse Monoclonal Antibody (2B5), AbFluor™ 488 Conjugated               |                                                                                   |                                           |
|                                                                                   | <b>Applications:</b> IHC, IF                                                                           |                                                                                   | <b>Isotype:</b> Mouse IgG1                |
|                                                                                   | <b>Reactivity:</b> Human, Mouse, Rat, Monkey, Dog, Chicken, Rabbit, Pig, Sheep, Insect, Yeast, Hamster |                                                                                   |                                           |
| <b>REF</b>                                                                        | <b>Catalog Number:</b> A01020A488                                                                      | <b>LOT</b>                                                                        | <b>Lot Number:</b> Refer to product label |
|                                                                                   | <b>Formulation:</b> Liquid                                                                             |                                                                                   | <b>Concentration:</b> 1 mg/ml             |
|  | <b>Storage:</b> Store at -20°C protected from light. Avoid repeated freeze / thaw cycles.              |  | <b>Note:</b> Contain sodium azide.        |

**Background:** Glyceraldehyde 3-phosphate dehydrogenase (abbreviated as GAPDH or less commonly as G3PDH) is an enzyme of ~37kDa that catalyzes the sixth step of glycolysis and thus serves to break down glucose for energy and carbon molecules. In addition to this long established metabolic function, GAPDH has recently been implicated in several non-metabolic processes, including transcription activation, initiation of apoptosis ER to Golgi vesicle shuttling, and fast axonal, or axoplasmic transport.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC (1:200), IF (1:200).

**Storage Buffer:** Liquid in PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Store in the dark.

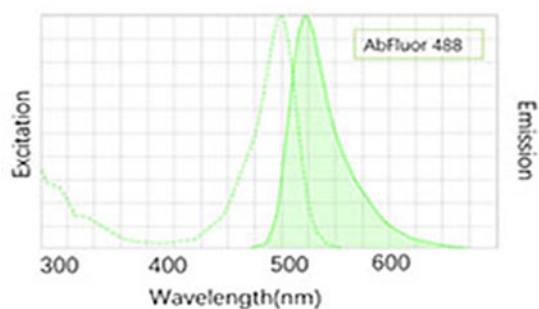


Fig. AbFluor™ 488 ( $\lambda_{EX}/\lambda_{Em}$ : 490/515 nm) is a green fluorescent dye optimally excitable by the 488 nm argon laser line, which is super alternative to FITC, Oregon Green 488, FAM, Cy2, Dylight 488 and Alexa Fluor 488.

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