



Anti-AmCyan Monoclonal Antibody (8T2)

Cat #: ABT2270

Size: 50µl/200µl/200µl×5

Product Information

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| | Product Name: Anti-AmCyan Monoclonal Antibody (8T2) | | |
| | Applications: WB | | Isotype: Mouse IgG |
| | Reactivity: All Species Expected | | |
| REF | Catalog Number: ABT2270 | LOT | Lot Number: Refer to product label |
| | Formulation: Liquid | | Concentration: 1 mg/ml |
|  | Storage: Store at -20°C. Avoid repeated freeze / thaw cycles. |  | Note: Contain sodium azide. |

Background: AmCyan has been adapted from the corresponding full length cDNA for higher solubility, brighter emission, and rapid chromophore maturation (8°C12 hours). AmCyan1 has been human-codon optimized for enhanced translation in mammalian cells. AmCyan is a very good blue fluorescent reporter protein, and useful in two-color analyses with DsRed2, DsRed-Express, or AsRed2, and in three-color analyses with ZsYellow and HcRed.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:5000).

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.



Fig. Western blot analysis of AmCyan fusion protein with anti-AmCyan tag monoclonal Antibody (8T2) at 1:5000 (lane A) dilution.

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