

bsm-33184M

[Primary Antibody]

AmCyan Mouse mAb

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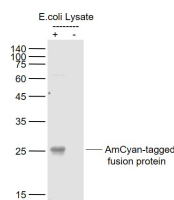
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— DATASHEET —

Host: Mouse	Isotype: IgG	Applications: WB (1:1000-5000) ELISA (1:1000-5000) Reactivity: Species independent
Clonality: Monoclonal	CloneNo.: 5F9	
Target: AmCyan		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		
Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: AmCyan1 is a human codon-optimized variant of the wild-type Anemonia majano cyan fluorescent protein (AmCyan) that exhibits enhanced emission characteristics (excitation and emission maxima: 458nm and 489nm, respectively). DD-AmCyan1 is a modified version of AmCyan1 that is tagged on its N-terminus with the ProteoTuner destabilization domain (DD). The presence of this destabilization domain causes rapid, proteasomal degradation of the fluorescent fusion protein; however, when the membrane permeant ligand Shield1 is added to the medium, it binds to the destabilization domain and protects the fusion protein from degradation.		

— VALIDATION IMAGES —



Sample: Lane 1: AmCyan-Tagged fusion protein (full length) Overexpression E.coli Lysate (Cat#: bs-33184P) at 4 ug Lane 2: Control (-) E.coli Lysate at 4 ug Primary: Anti- AmCyan-Tag (bsm-33184M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 25 kD Observed band size: 25 kD