

TAP Tag Monoclonal Antibody (22F12-1E3), DyLight™ 488

| Product Details | |
|-------------------------|--|
| Size | 50 µL |
| Species Reactivity | Tag |
| Host/Isotype | Mouse / IgG1 |
| Class | Monoclonal |
| Type | Antibody |
| Clone | 22F12-1E3 |
| Conjugate | DyLight™ 488 |
| Excitation/Emission Max | 492/519 nm |
| Immunogen | KLH conjugated peptide representing the C-terminus of the TAP construct after TEV cleavage |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | Protein A |
| Storage buffer | PBS |
| Contains | no preservative |
| Storage conditions | 4° C |
| RRID | AB_2536816 |

| Applications | Tested Dilution | Publications |
|-------------------|-----------------|--------------|
| Western Blot (WB) | 1:1,000 | - |

Product Specific Information

MA1108-D488 detects the Tev cleavage peptide sequence. MA1108-D488 has been successfully used for fluorescent detection of TAP in Western Blot.

DyLight 488 has an excitation/emission of 483/518nm.

Product Images For TAP Tag Monoclonal Antibody (22F12-1E3), DyLight™ 488

TAP Tag Antibody (MA1-108-D488)

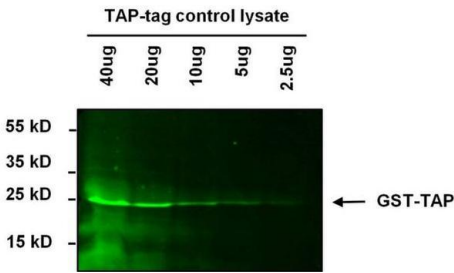
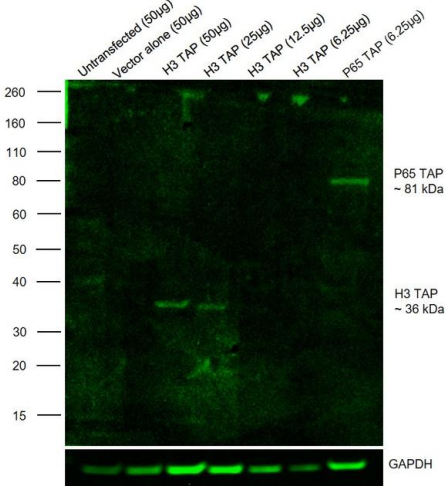
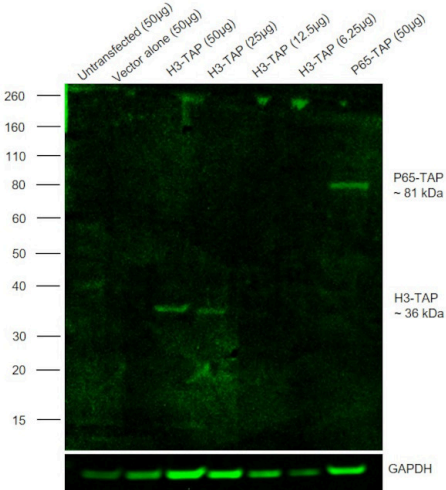
Antibody specificity was demonstrated by detection of different targets fused to TAP tag in transiently transfected lysates tested. Relative detection of TAP tag was observed across different proteins fused with TAP tag in H3-TAP (Lane 3-6) and p65-TAP (Lane 7), using using Anti-TAP Tag Monoclonal Antibody (22F12-1E3), DyLight 488 (Product # MA1-108-D488) in Western Blot. This product has been shown to detect TAP Tag at both N- and C- termini of a fusion protein. {RE}

TAP Tag Antibody (MA1-108-D488) in WB

Western blot was performed using Anti-TAP Tag Monoclonal Antibody (22F12-1E3), DyLight 488 (Product # MA1-108-D488) by loading whole cell extracts of untransfected and transiently transfected HEK-293E lysates: untransfected, 50 µg (Lane 1), empty vector control, 50 µg (Lane 2), H3-TAP, 50 µg (Lane 3), H3-TAP, 25 µg (Lane 4), H3-TAP, 12.5 µg (Lane 5), H3-TAP, 6.25 µg (Lane 6), p65-TAP, 50 µg (Lane 7) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). A ~36 kDa band corresponding to H3-TAP and ~81 kDa band corresponding to p65-TAP were observed in HEK293E transfected lysates on probing with the primary antibody (1:1000) and detected by fluorescence using the iBright FL 1500 (Product # A44241).

TAP Tag Antibody (MA1-108-D488) in WB

Western blot analysis of the TAP tag was performed by loading the indicated amounts of GST-TAP-tag E. coli lysate and 10 µL of PageRuler Plus Prestained Protein Ladder (Product # 26619) onto a 4-20% Tris-HCl polyacrylamide gel. Proteins were transferred to a low fluorescence PVDF membrane (Product # 22860) and blocked with SEA BLOCK Blocking Buffer (Product # 37527) for at least 1 hour. The membrane was probed with a DyLight 488-conjugated TAP tag monoclonal antibody (Product # MA1-108-D488) at a dilution of 1:1000 overnight at 4°C on a rocking platform, and washed in TBS-0.1% Tween-20. Fluorescent detection was performed using a fluorescent imaging system.



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