Goat anti-Mouse IgG (H+L) Secondary Antibody, HRP

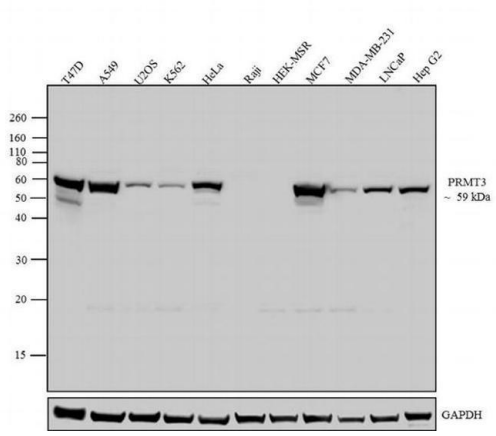
Product Details	
Size	1 mL
Species Reactivity	Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	HRP
Immunogen	Gamma Immunoglobins Heavy and Light chains
Form	Liquid
Concentration	1.5 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.4, with 4mg/mL BSA, 40% glycerol
Contains	0.19% Kathon™ CG
Storage conditions	4° C
RRID	AB_2533947

Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000-1:10,000	0 Publication
Immunohistochemistry (IHC)	1:2,000-1:4,000	0 Publication
Immunohistochemistry (Paraffin) (IHC (P))	-	0 Publication
Immunocytochemistry (ICC/IF)	-	0 Publication
ELISA (ELISA)	1:2,000-1:4,000	0 Publication
Immunoprecipitation (IP)	-	0 Publication
Control (Ctrl)	-	0 Publication
Miscellaneous PubMed (Misc)	-	0 Publication

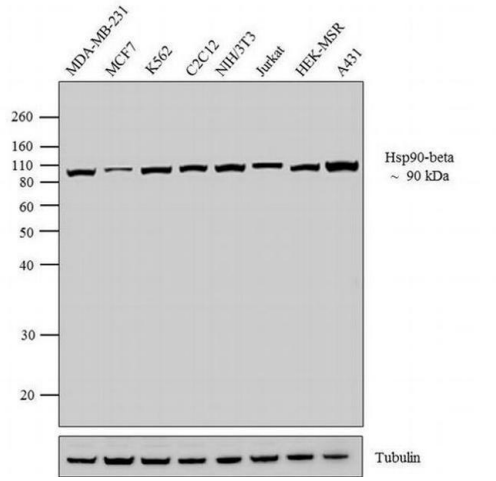
Product Specific Information

ZyMAX antibodies are specifically isolated from antigen-affinity columns using advanced elution protocols, leaving only the highest affinity, antigen-specific antibodies. ZyMAX conjugates are prepared with modified cross-linkers to achieve optimal conjugation ratios and stability. Improved purification methods virtually eliminate unconjugated components, giving superior sensitivity and lowest possible levels of background.

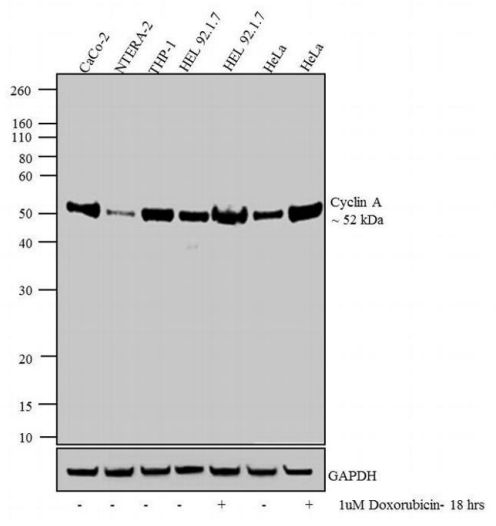
Product Images For Goat anti-Mouse IgG (H+L) Secondary Antibody, HRP



Mouse IgG (H+L) Secondary Antibody (62-6520) in WB
Western blot analysis was performed on whole cell extracts (30 µg lysate) of T47D (Lane 1), A549 (Lane 2), U2OS (Lane 3), K562 (Lane 4), HeLa (Lane 5), Raji (lane 6), HEK-MSR (lane 7), MCF7 (lane 8), MDA-MB-231 (lane 9), LNCaP (lane 10) and Hep G2 (lane 11). The blots were probed with Anti-PRMT3 Mouse Monoclonal Antibody (Product # 730020, 0.5-1 µg/mL) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Secondary Antibody, HRP conjugate (Product # 62-6520, 1:4000 dilution). A 59 kDa band corresponding to PRMT3 was observed across cell lines tested expect Raji and HEK-MSR. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 12 % Bis-Tris gel (Product # NP0342BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary Antibody following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).



Mouse IgG (H+L) Secondary Antibody (62-6520) in WB
Western blot analysis was performed on whole cell extracts (30 µg lysate) of MDA-MB-231 (Lane 1), MCF7 (Lane 2), K562 (Lane 3), C2C12 (Lane 4), NIH /3T3 (Lane 5), Jurkat (Lane 6), HEK-MSR (Lane 7) and A431 (Lane 8). The blots were probed with Anti-Hsp90-beta Mouse Monoclonal Antibody (Product # 37-9400, 1:50-1:500 dilution) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Secondary Antibody, HRP conjugate (Product # 62-6520, 1: 4000 dilution). A 90 kDa band corresponding to Hsp90-beta was observed across cell lines tested. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 10 % Bis-Tris gel (Product # NP0301BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary Antibody following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).



Mouse IgG (H+L) Secondary Antibody (62-6520) in WB
Western blot analysis was performed on whole cell extracts (30 µg lysate) of Caco-2 (Lane 1), NTERA-2 (Lane 2), THP1 (Lane 3), HEL 92.1.7 (Lane 4), HEL 92.1.7 treated with 1 uM Doxorubicin for 18 hours (Lane 5), HeLa (Lane 6), and HeLa treated with 1 uM Doxorubicin for 18 hours (Lane 7). The blots were probed with Anti-Cyclin A Mouse Monoclonal Antibody (Product # MA5-11306, 1: 100-1:500 dilution) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Secondary Antibody, HRP conjugate (Product # 62-6520, 1:4000 dilution). A ~ 52 kDa band corresponding to Cyclin A was observed across cell lines tested. Known quantity of protein samples were electrophoresed using Novex® NuPAGE® 12 % Bis-Tris gel (Product # NP0342BOX), XCell SureLock™ Electrophoresis System (Product # EI0002) and Novex® Sharp Pre-Stained Protein Standard (Product # LC5800). Resolved proteins were then transferred onto a nitrocellulose membrane with iBlot® 2 Dry Blotting System (Product # IB21001). The membrane was probed with the relevant primary and secondary Antibody following blocking with 5 % skimmed milk. Chemiluminescent detection was performed using Pierce™ ECL Western Blotting Substrate (Product # 32106).

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748 References

Balancing act: optimizing blue light for melanogenesis while minimizing cellular damage in primary human skin cells. Front Physiol (2025)

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