

# MEL18 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotope	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (KMTVNGAPVPPLT) corresponding to the C-terminus amino acids of PCGF2
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10979036

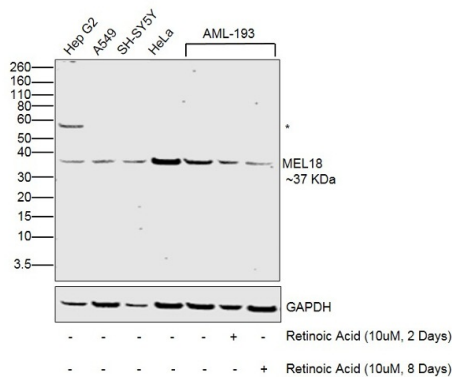
Applications	Tested	Dilution	Published
peptide-ELISA (pep-ELISA)	✓	1:16000	
Western Blot (WB)	✓	0.3-1 µg/mL	

## Product Specific Information

This antibody is predicted to react with bovine and canine based on sequence homology.

**MEL18 Antibody (PA5-18163)**

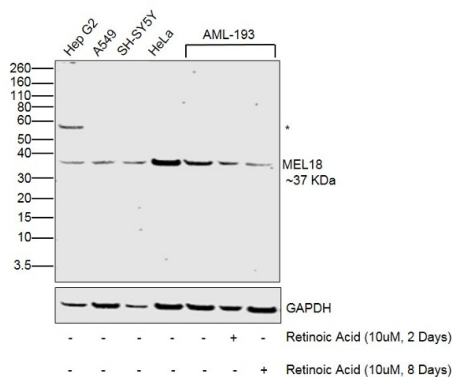
Altered expression of MEL18 protein upon cell treatment demonstrated antibody specificity. A treatment mediated reduction of MEL18 in AML-193 cells with Retinoic acid treatment was observed using MEL18 Polyclonal Antibody (Product # PA5-18163) in Western Bot. . Cell Treatment validation info.

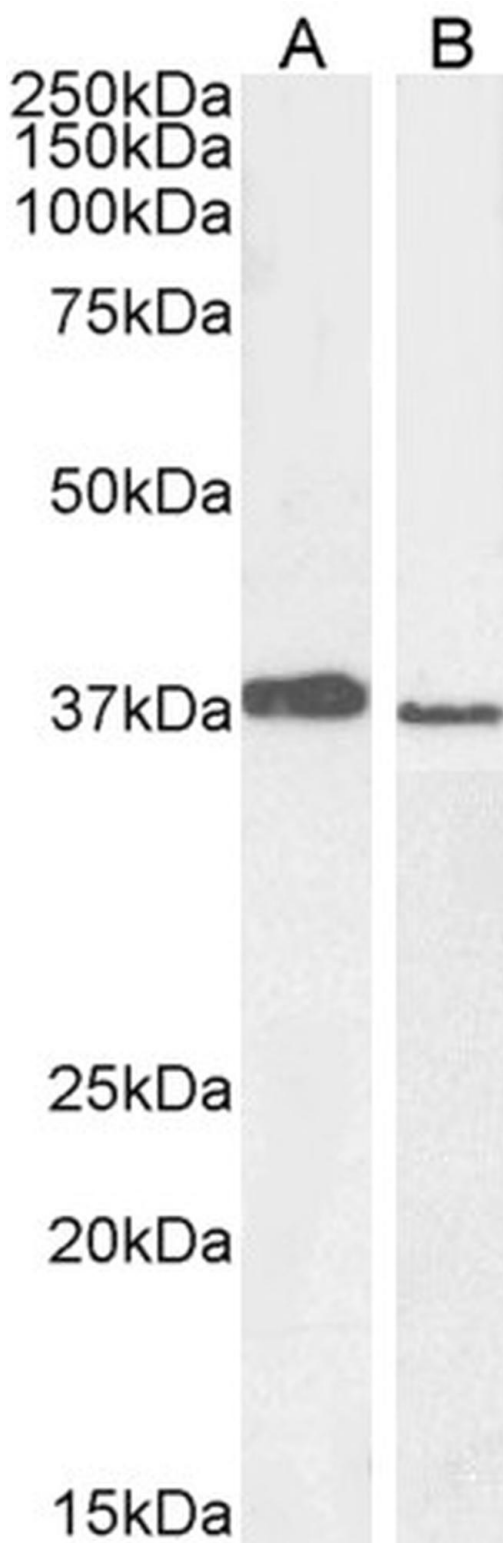


**Product Images For MEL18 Polyclonal Antibody**

**MEL18 Antibody (PA5-18163) in WB**

Western blot was performed using Anti-MEL18 Goat Polyclonal Antibody (Product # PA5-18163) and 37 kDa band corresponding to MEL18 was observed across the cell lines tested and was also found to decrease upon Retinoic Acid treatment in AML-193 cell line. Uncharacterized bands at 60 was observed in Hep G2 cell line. Modified Whole cell extracts (1%SDS) (30 µg lysate) of Hep G2 (Lane 1), A549 (Lane 2), SH-SY5Y (Lane 3), HeLa (Lane 4), AML-193 ( Lane 5), AML-193 treated with Retinoic Acid (10uM for 2 days) (Lane 6) and AML-193 treated with Retinoic Acid (10uM for 8 days) (Lane 7), were electrophoresed using Novex® NuPAGE® 4-12% Bis-Tris gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1µg/mL) and detected by chemiluminescence Anti-Goat IgG Secondary Antibody, HRP conjugate (Product # A27014, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).





### MEL18 Antibody (PA5-18163) in WB

Western blot analysis of MEL18 by a MEL18 monoclonal antibody (Product # PA5-18163) at a concentration of 1 µg/mL. A549 (A) and PD19 (B) cell lysate (RIPA buffer, 30µg total protein per lane). Detected by chemiluminescence.

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