

MERTK Monoclonal Antibody (A311F9G3)

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotope	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	A311F9G3
Conjugate	Unconjugated
Immunogen	Human MERTK extracellular domain
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.1% sodium azide
Storage Conditions	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C
RRID	AB_2539411

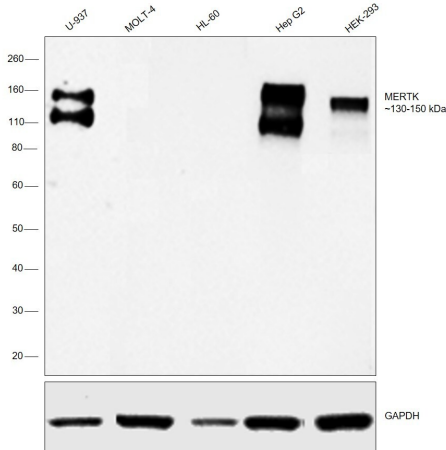
Applications	Tested	Dilution	Published
Western Blot (WB)	✓	1:1000	

Product Specific Information

This target has a predicted molecular weight of 110 kDa.

MERTK Antibody (MA5-18028)

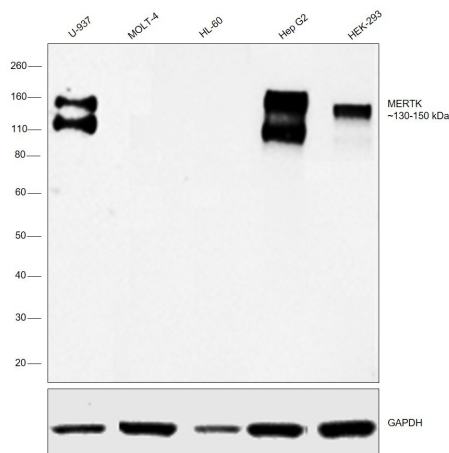
Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Western Blot analysis using Anti-MERTK Monoclonal Antibody (A311F9G3) (Product # MA5-18028) shows increased expression of MERTK in U-937 in comparison to MOLT-4 and HL-60. Relative expression validation info.



Product Images For MERTK Monoclonal Antibody (A311F9G3)

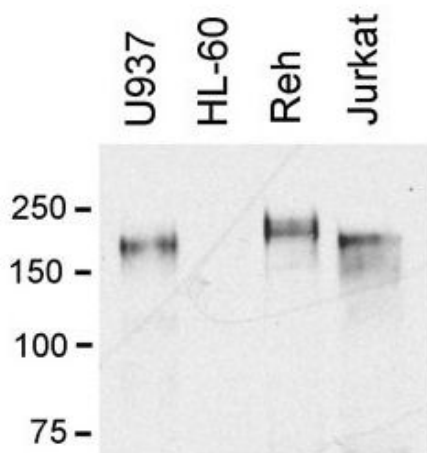
MERTK Antibody (MA5-18028) in WB

Western blot was performed using Anti-MERTK Monoclonal Antibody (A311F9G3) (Product # MA5-18028) and 130-150 kDa bands corresponding to MERTK was observed across all the cell lines tested except MOLT-4 and HL-60 which are reported to be negative. Membrane enriched extracts (30 µg lysate) of U-937 (Lane 1), MOLT-4 (Lane 2), HL-60 (Lane 3), Hep G2 (Lane 4) and HEK-293 (Lane 5) were electrophoresed using Novex® NuPAGE® 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). 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 (1:1000 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



MERTK Antibody (MA5-18028) in WB

Western blot analysis of MERTK in U937 (lane 1) HL-60 (lane 2) Reh (lane 3) Jurkat cells (lane 4) using a MERTK monoclonal antibody (Product # MA5-18028) at a dilution of 1:1000.



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