9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-MERTK Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1046

Product Overview

Name	KD-Validated Anti-MERTK Rabbit Monoclonal Antibody
Accession(Primary)	Q12866
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human MERTK
Species Reactivity	Human
Calculated MW	Predicted, 110 kDa , observed, 188 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q12866)

Gene Name	MERTK
About Gene Symbol	MERTK (MER Proto-Oncogene, Tyrosine Kinase) is a receptor tyrosine kinase involved in receptor-mediated signaling. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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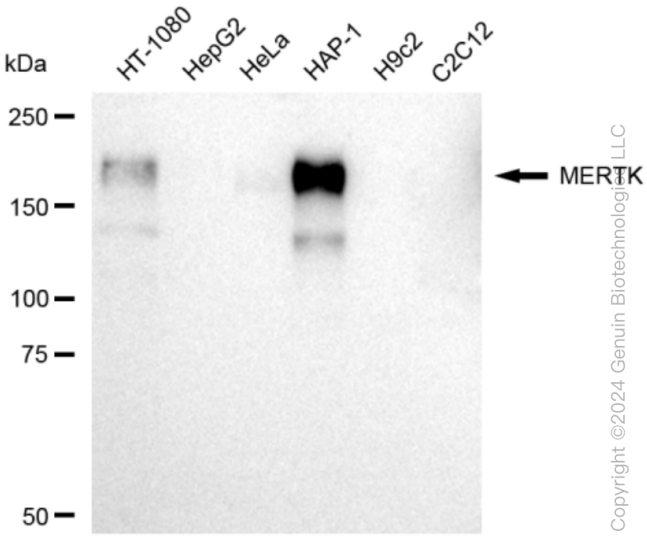

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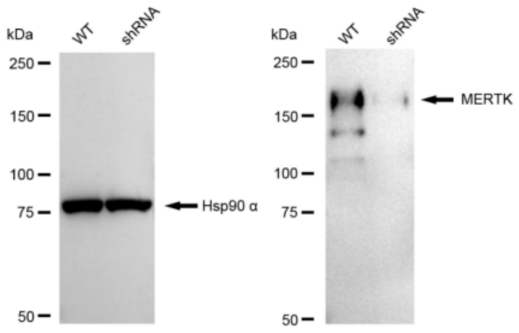
Western blotting analysis using anti-MERTK antibody (Cat#ABG1046). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MERTK antibody (Cat#ABG1046, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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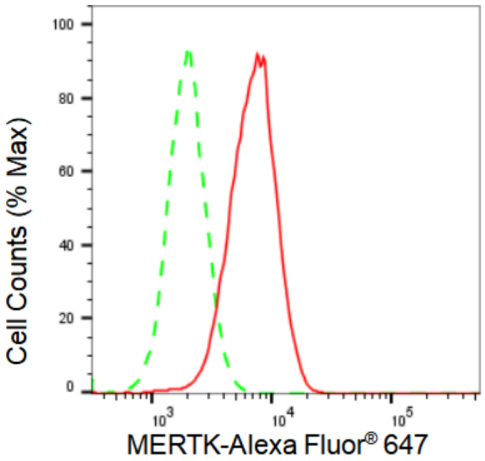
Western blotting analysis using anti-MERTK antibody (Cat#ABG1046). MERTK expression in wild type (WT) and MERTK shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-MERTK antibody (Cat#ABG1046, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of MERTK expression in HAP-1 cells using MERTK antibody (Cat#ABG1046, 1:2,000). Green, isotype control; red, MERTK.

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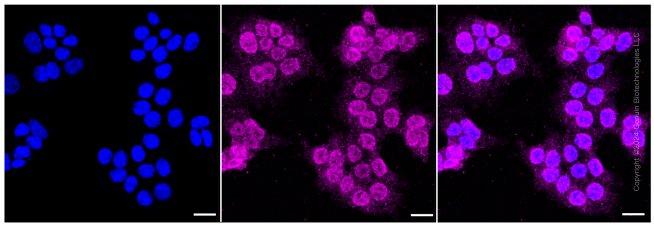

Immunocytochemical staining of HAP-1 cells with MERTK antibody (Cat#ABG1046, 1:1,000). Nuclei were stained blue with DAPI; MERTK was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.