

KD-Validated Anti-MERTK Recombinant Rabbit Monoclonal Antibody



Catalog #: 61164

Aliases

MERTK; MER Proto-Oncogene, Tyrosine Kinase; RP38; MER; C-Mer Proto-Oncogene Tyrosine Kinase; Receptor Tyrosine Kinase MerTK; Tyrosine-Protein Kinase Mer; Proto-Oncogene C-Mer; EC 2.7.10.1; Tyro12; C-Eyk; MER Receptor Tyrosine Kinase; STK Kinase; EC 2.7.10; TYRO12; C-Mer; C-EYK; Mer

Background

Gene Name: MERTK

NCBI Gene Entry: [10461](#)

UniProt Entry: [Q12866](#)

Application Information

Molecular Weight: Predicted, 110 kDa, observed, 188 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB2070

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human MERTK

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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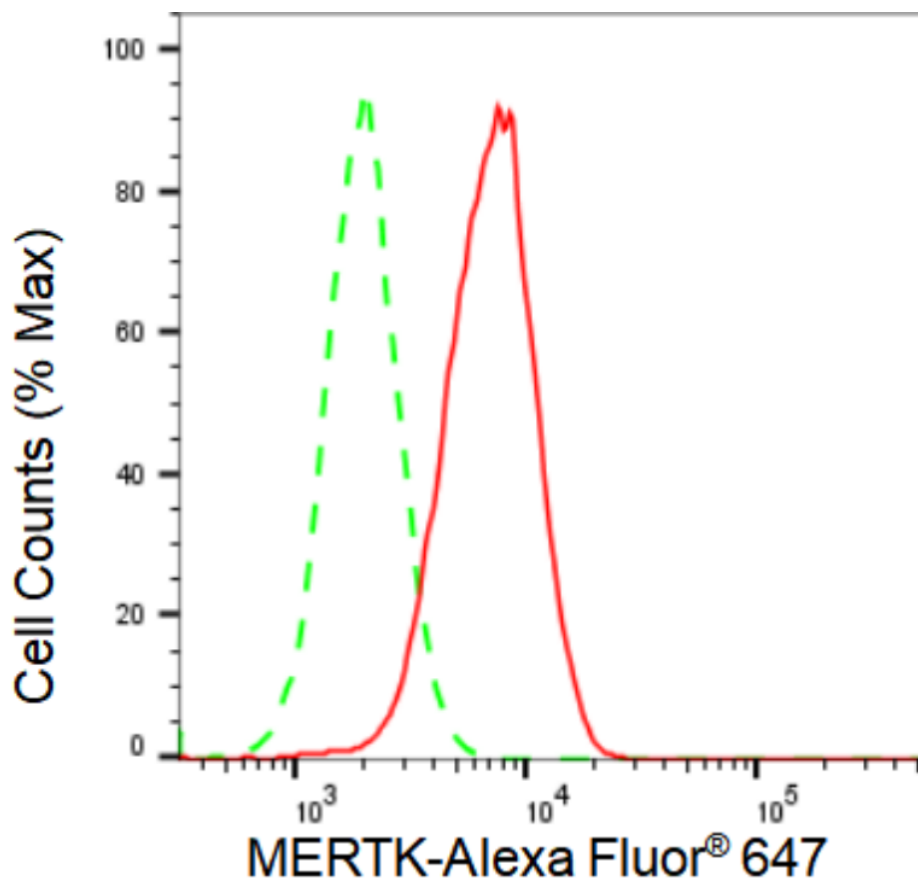
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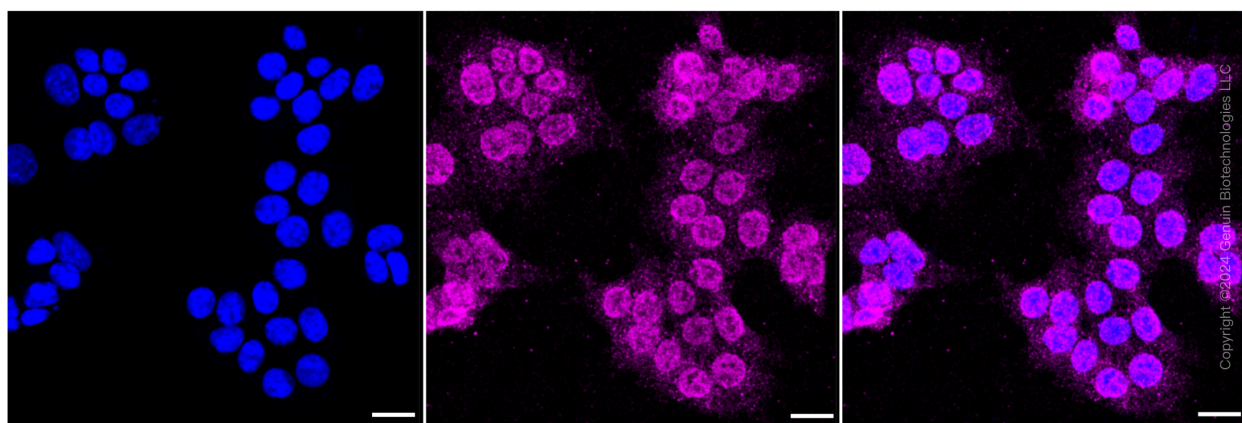
Note: This product is for research use only.

Validation Data



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Flow cytometric analysis of MERTK expression in HAP-1 cells using MERTK antibody (Cat#61164, 1:2,000). Green, isotype control; red, MERTK.



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Immunocytochemical staining of HAP-1 cells with MERTK antibody (Cat#61164, 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

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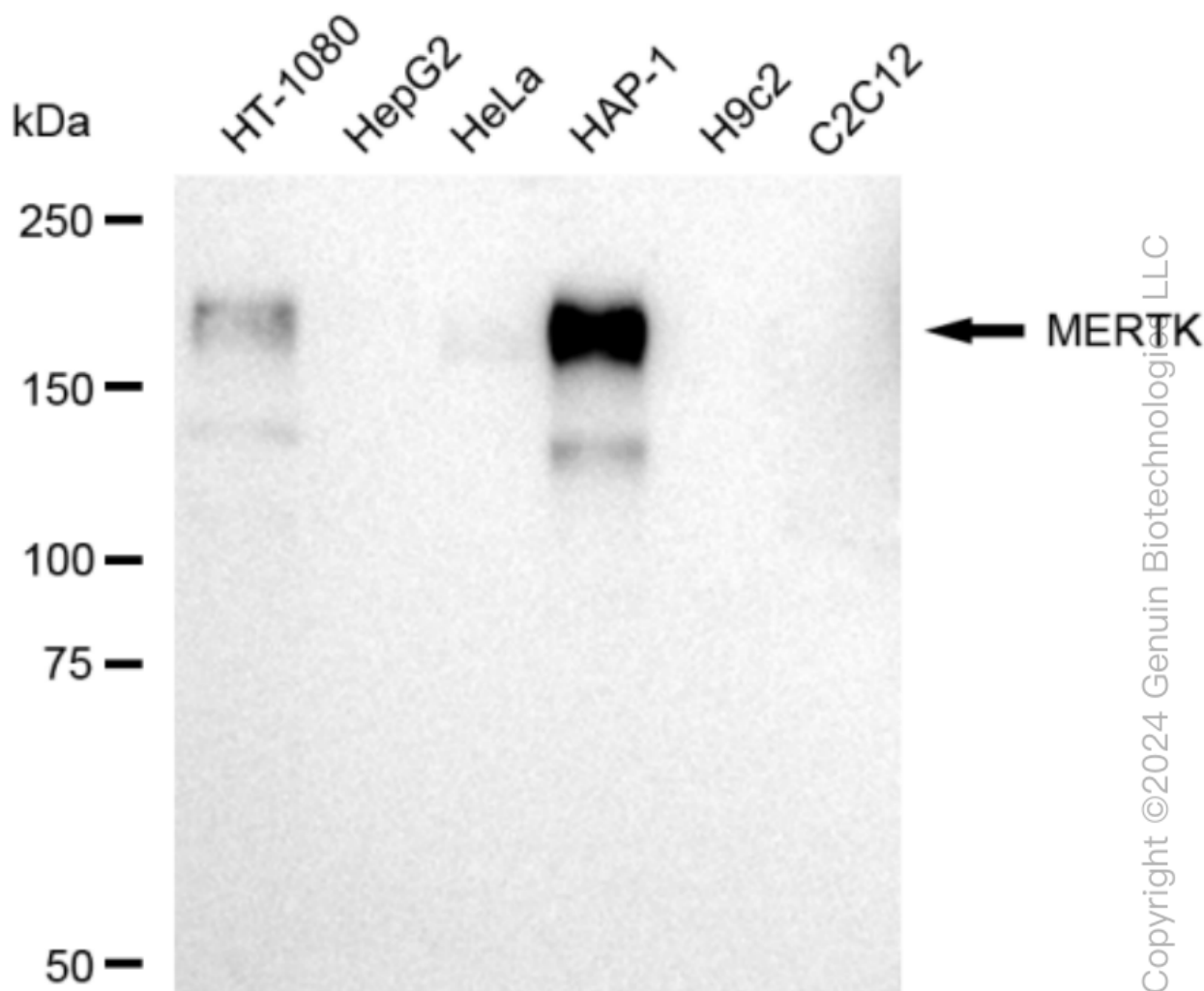
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gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-MERTK antibody (Cat#61164). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MERTK antibody (Cat#61164, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226). MERTK, MER proto-oncogene, tyrosine kinase.

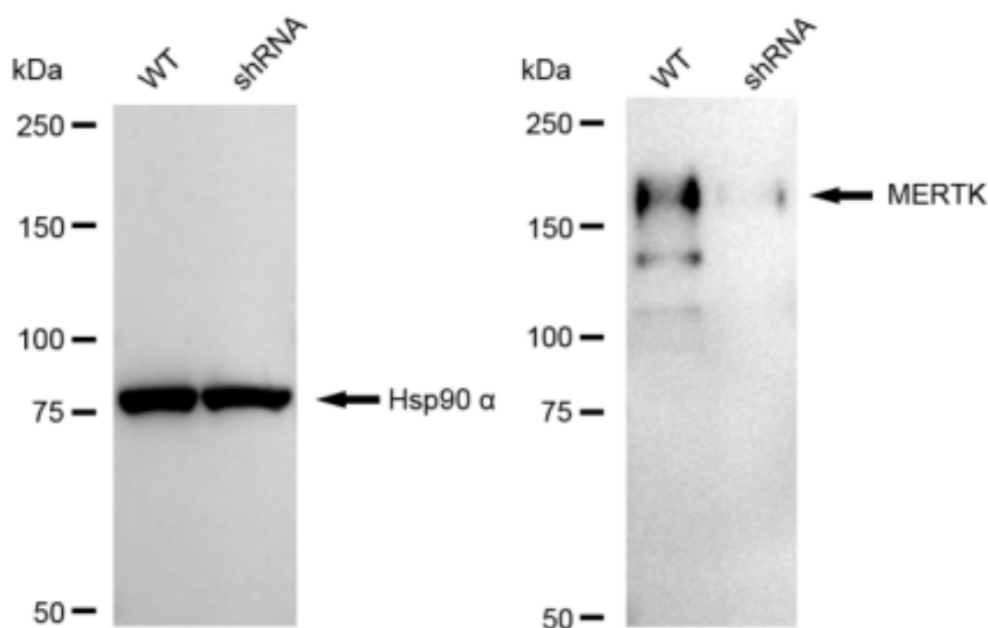
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Western blotting analysis using anti-MERTK antibody (Cat#61164). MERTK expression in wild type (WT) and MERTK shRNA knockdown (KD) HT-1080 cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-MERTK antibody (Cat#61164, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).