

Anti-MERTK Recombinant Rabbit Monoclonal Antibody



Catalog #: 4084

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: 24GB9510

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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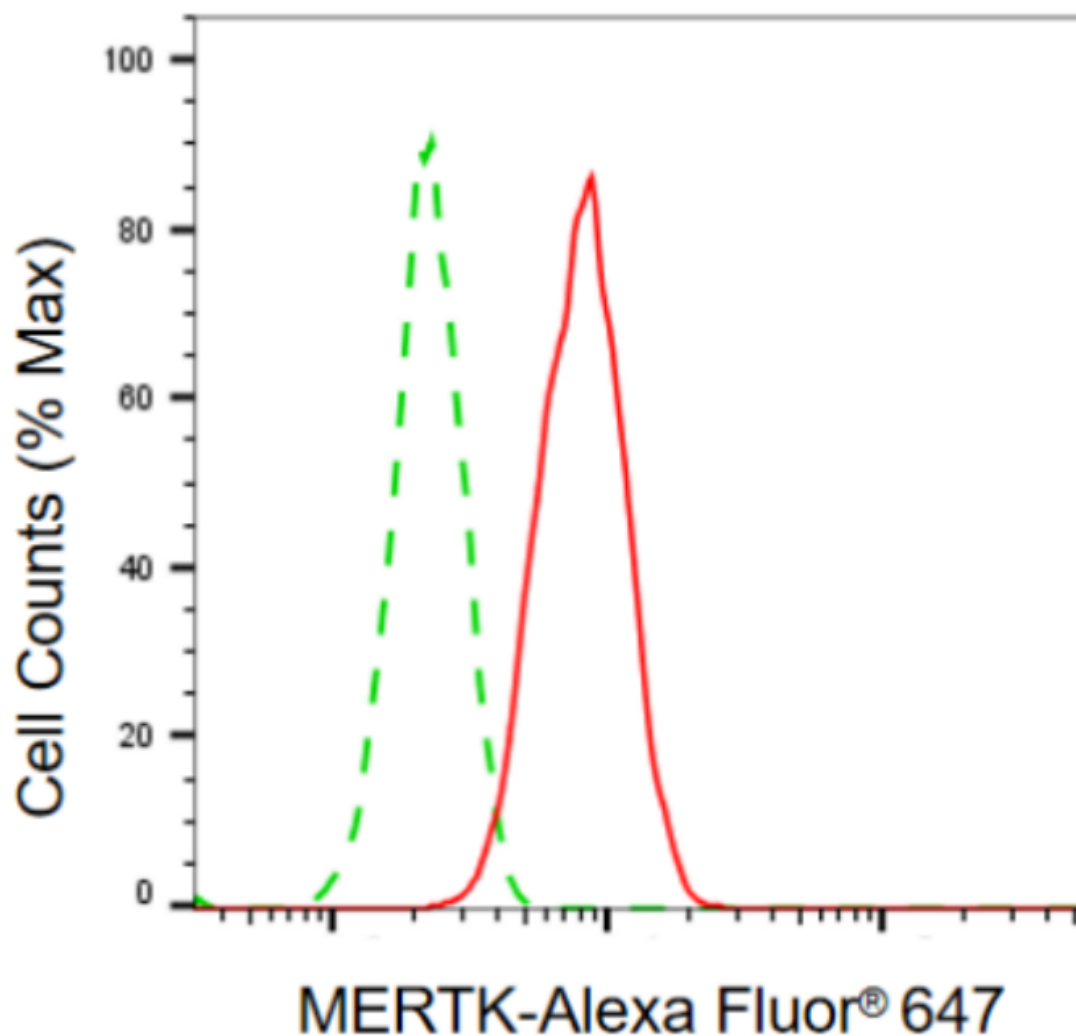
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Note: This product is for research use only.

Validation Data



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Flow cytometric analysis of MERTK expression in HAP-1 cells using anti-MERTK antibody (Cat#4084, 1:2,000). Green, isotype control; red, MERTK.

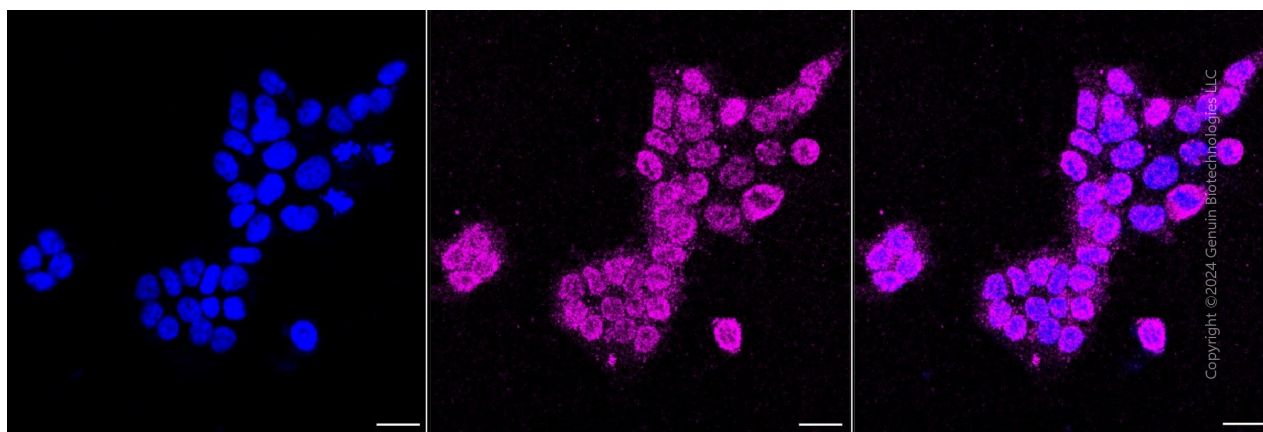
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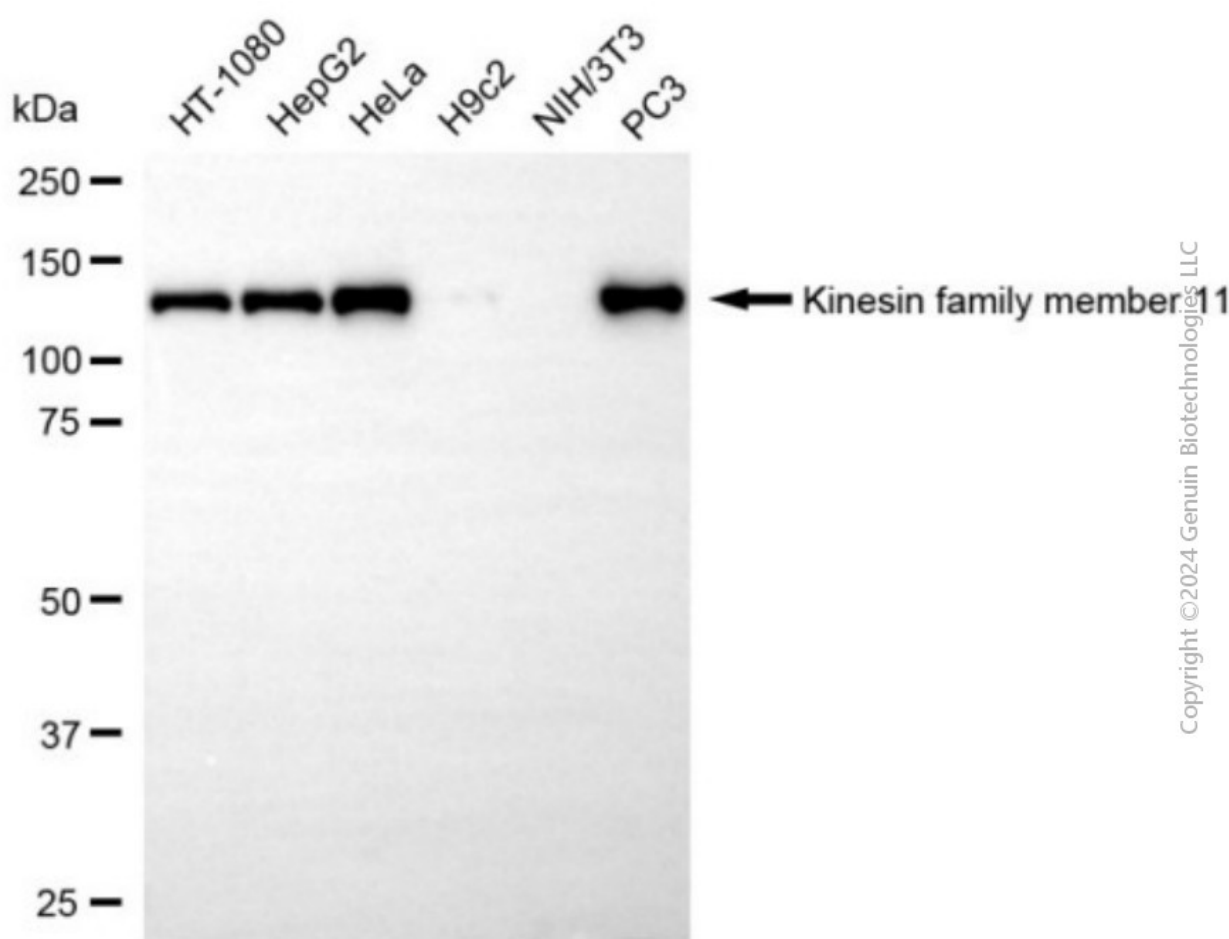
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Immunocytochemical staining of HAP-1 cells with anti-MERTK antibody (Cat#4084, 1:1,000). Nuclei were stained blue with DAPI; MERTK was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Western blotting analysis using anti-MERTK antibody (Cat#4084). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-

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MERTK antibody (Cat#4084, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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