

Anti-c-Kit Recombinant Rabbit Monoclonal Antibody



Catalog #: 1209

Aliases

KIT; KIT Proto-Oncogene, Receptor Tyrosine Kinase; SCFR; V-Kit Hardy-Zuckerman 4 Feline Sarcoma Viral Oncogene Homolog; Mast/Stem Cell Growth Factor Receptor Kit ; CD117 ; PBT; Tyrosine-Protein Kinase Kit; Piebald Trait Protein; Proto-Oncogene C-Kit; EC 2.7.10.1; P145 C-Kit; C-Kit; V-Kit Hardy-Zuckerman 4 Feline Sarcoma Viral Oncogene-Like Protein ; Proto-Oncogene Tyrosine-Protein Kinase Kit; C-Kit Protooncogene; Piebald Trait; CD117 Antigen ; EC 2.7.10; MASTC; C-KIT

Background

Gene Name: KIT

NCBI Gene Entry: [3815](#)

UniProt Entry: [P10721](#)

Application Information

Molecular Weight: Predicted, 110 kDa; observed, 120-145 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB2225

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human c-Kit

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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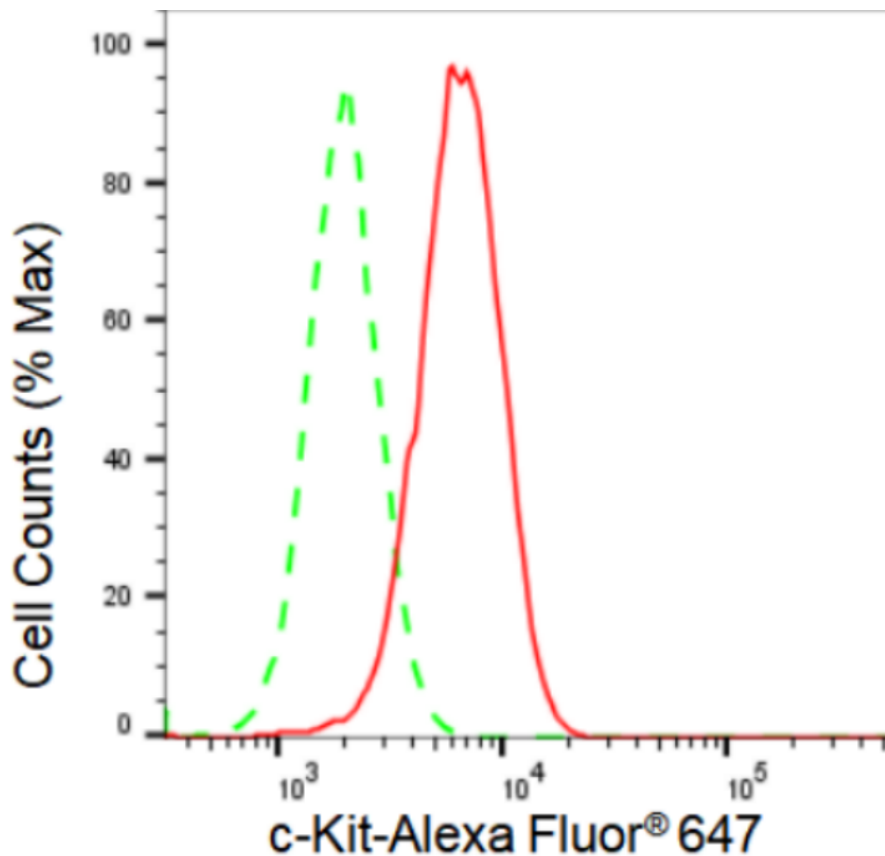
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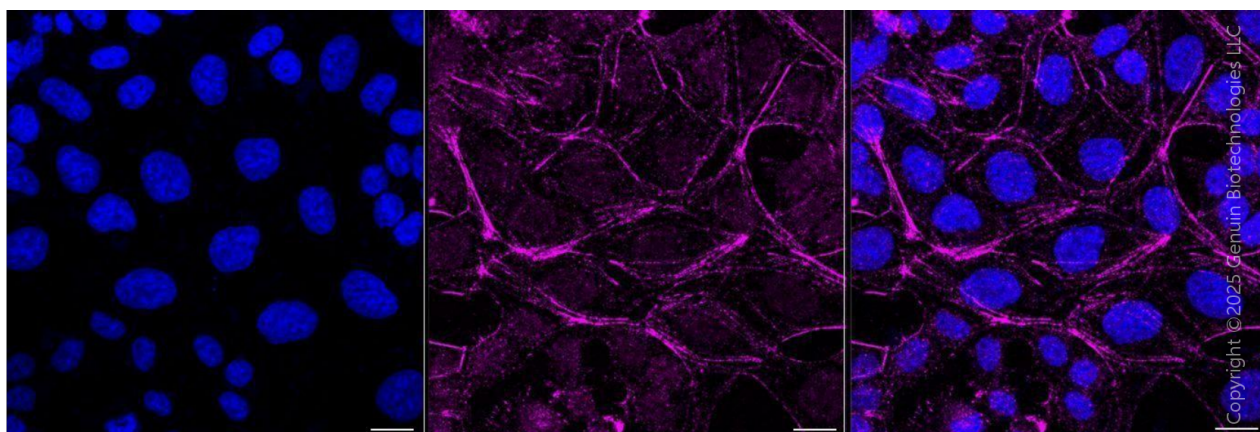
Note: This product is for research use only.

Validation Data



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Flow cytometric analysis of c-Kit expression in HAP-1 cells using c-Kit antibody (Cat#1209, 1:2,000). Green, isotype control; red, c-Kit.



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Immunocytochemical staining of HAP-1 cells with anti-c-Kit antibody (Cat#1209, 1:1,000). Nuclei were stained blue with DAPI; c-Kit was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain:

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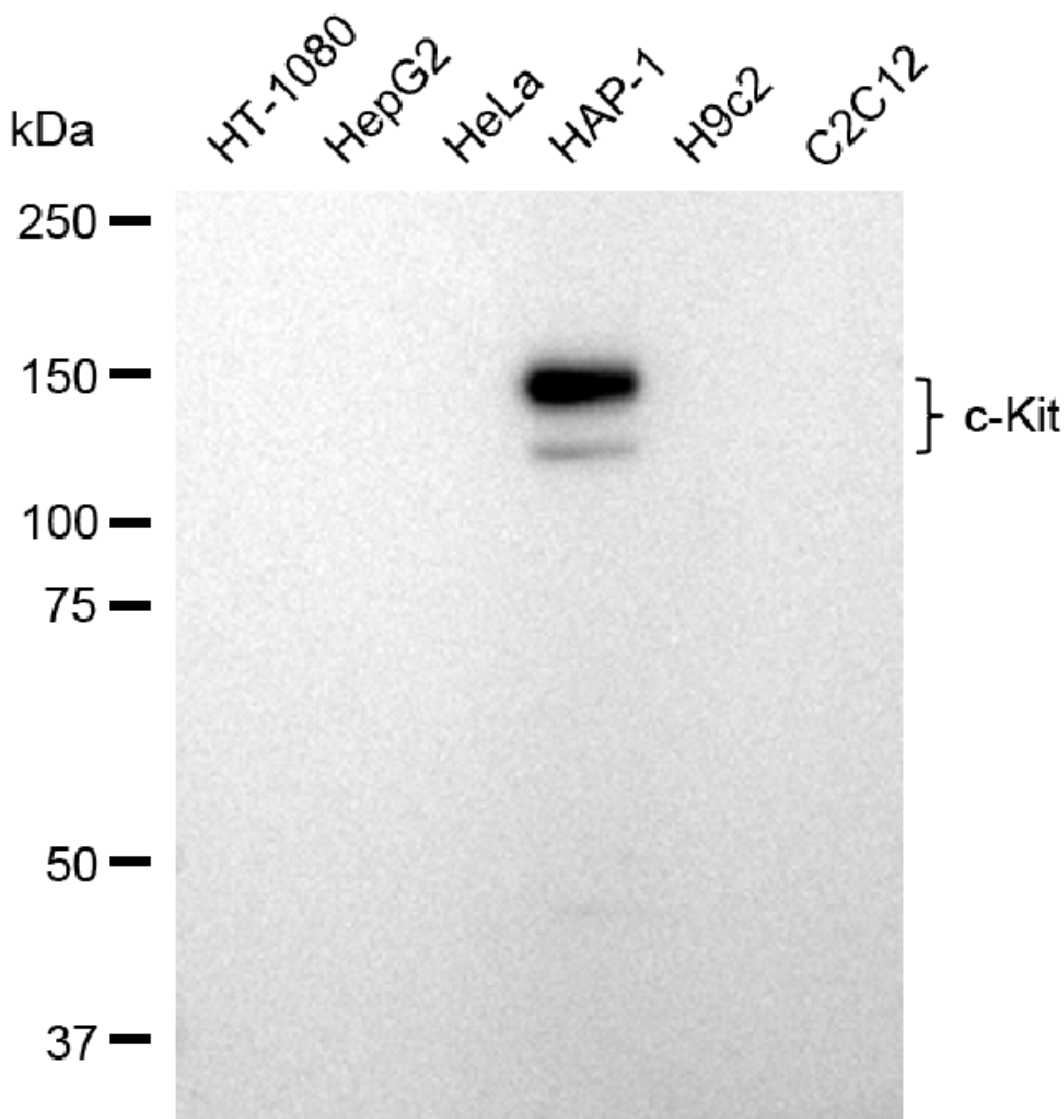
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Medium. Scale bar, 20 μ m.



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Western blotting analysis using anti-c-Kit antibody (Cat#1209). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-c-Kit antibody (Cat#1209, 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).

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