

Catalog #: 4861

Aliases

ROS1; ROS Proto-Oncogene 1, Receptor Tyrosine Kinase; MCF3; ROS; C-Ros-1; V-Ros Avian UR2 Sarcoma Virus Oncogene Homolog 1; C-Ros Oncogene 1, Receptor Tyrosine Kinase; Proto-Oncogene Tyrosine-Protein Kinase ROS; Proto-Oncogene C-Ros-1; V-Ros UR2 Sarcoma Virus Oncogene Homolog 1 (Avian); ROS Proto-Oncogene 1, Receptor Tyrosine Kinase; Transmembrane Tyrosine-Specific Protein Kinase; Receptor Tyrosine Kinase C-Ros Oncogene 1; C-Ros Receptor Tyrosine Kinase; Proto-Oncogene C-Ros; EC 2.7.10.1

Background

Gene Name: ROS1

NCBI Gene Entry: [6098](#)

UniProt Entry: [P08922](#)

Application Information

Molecular Weight: Predicted, 264 kDa; observed, 264 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB13310

Species Reactivity: Human, mouse, rat

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

Immunogen

Recombinant protein of human ROS1

Isotype

Mouse IgG2a

Storage Buffer

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

Storage

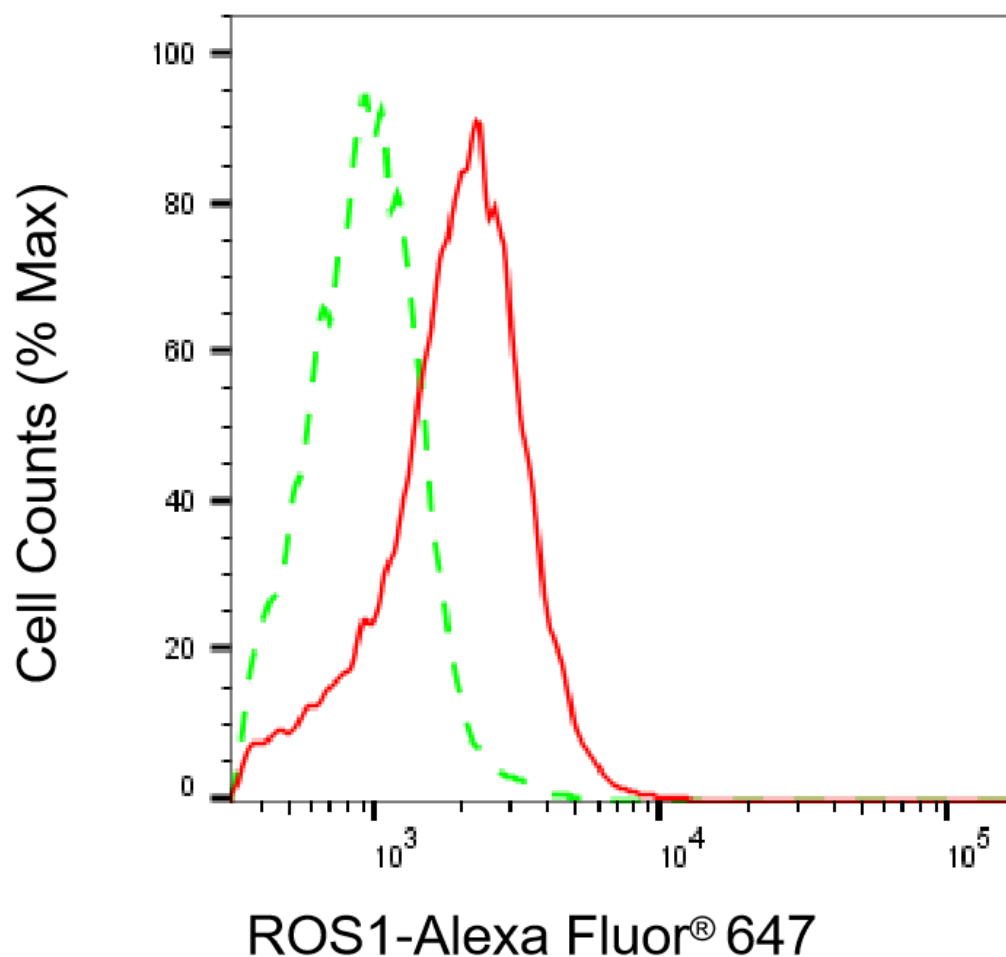
Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:100-1:500

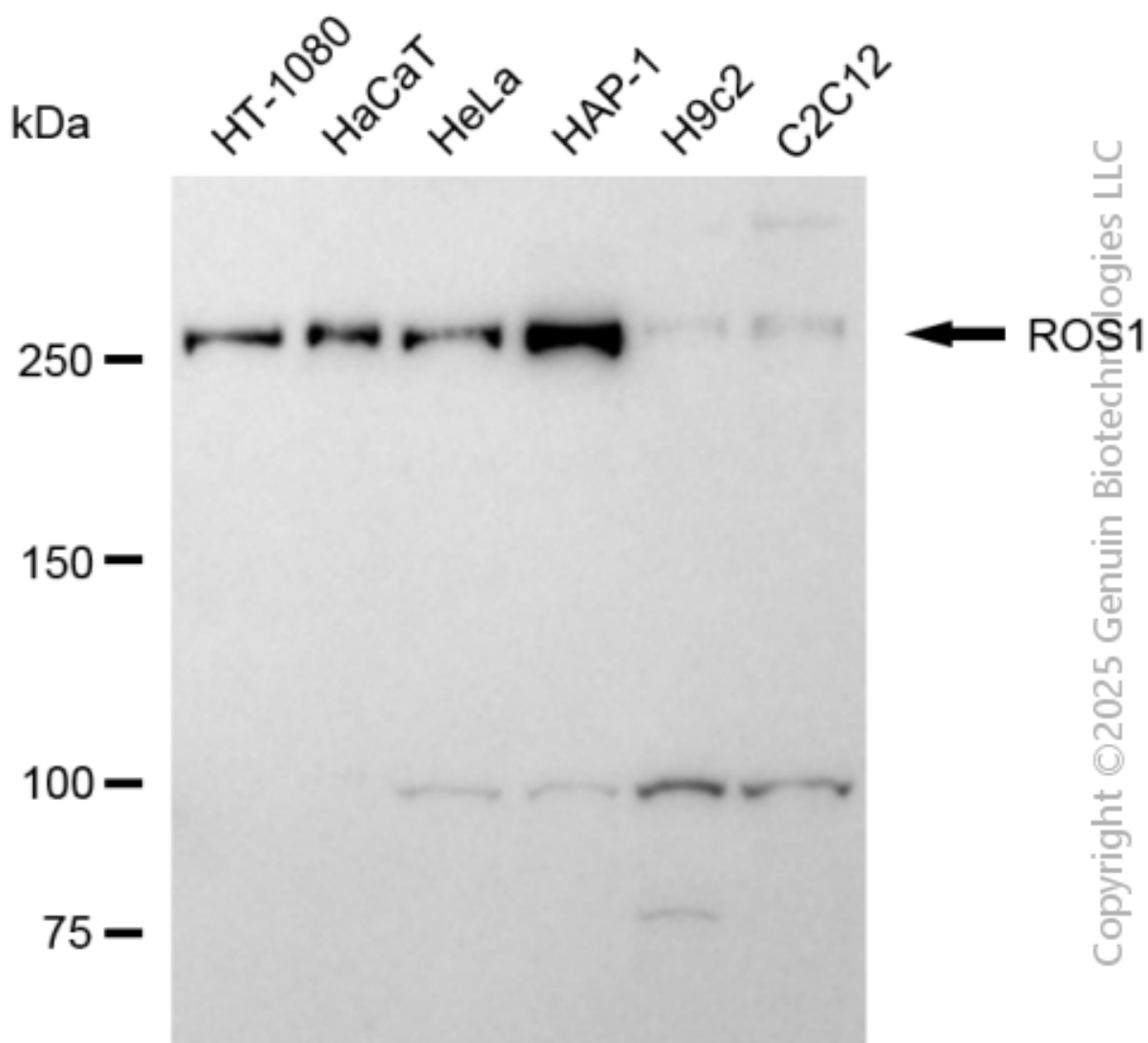
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Validation Data



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Flow cytometric analysis of ROS1 expression in HAP-1 cells using anti-ROS1 antibody (Cat#4861, 1:2,000). Green, isotype control; red, ROS1.



Western blotting analysis using anti-ROS1 antibody (Cat#4861). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ROS1 antibody (Cat#4861, 1:500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).