

**Catalog #: 4507** 

#### **Aliases**

HLTF; Helicase Like Transcription Factor; HIP116A; RNF80; SMARCA3; SNF2L3; HLTF1; SWI/SNF Related, Matrix Associated, Actin Dependent Regulator Of Chromatin, Subfamily A, Member 3; SWI/SNF-Related Matrix-Associated Actin-Dependent Regulator Of Chromatin Subfamily A Member 3; RING-Type E3 Ubiquitin Transferase HLTF; Sucrose Nonfermenting Protein 2-Like 3; Helicase-Like Transcription Factor; RING Finger Protein 80; HIP116; ZBU1; DNA-Binding Protein/Plasminogen Activator Inhibitor-1 Regulator; DNA-Binding Protein/Plasminogen Activator Inhibitor 1 Regulator; Sucrose Nonfermenting-Like 3; SNF2-Like 3; EC 2.3.2.27; EC 3.6.4.-; EC 3.6.1

# **Background**

Gene Name: HLTF NCBI Gene Entry: 6596 UniProt Entry: Q14527

# **Application Information**

Molecular Weight: Predicted, 114 kDa; observed, 120 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB11565 Species Reactivity: Human

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

## **Immunogen**

A synthesized peptide derived from human HLTF

## **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**

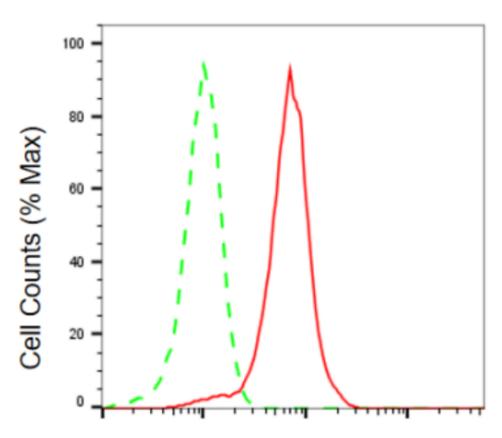
Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

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

Note: This product is for research use only.

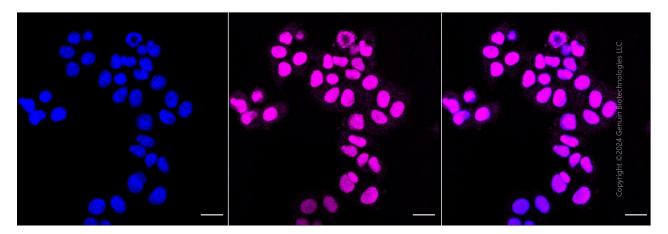
#### **Validation Data**



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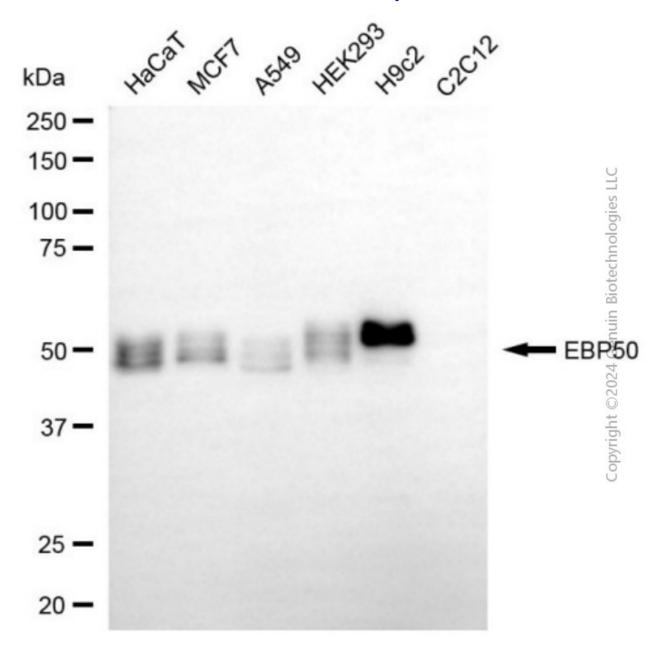
# Helicase like transcription factor-Alexa Fluor® 647

Flow cytometric analysis of helicase like transcription factor expression in HepG2 cells using antihelicase like transcription factor antibody (Cat#4507, 1:2,000). Green, isotype control; red, helicase like transcription factor.



Immunocytochemical staining of HepG2 cells with anti-Helicase like transcription factor antibody (Cat#4507, 1:1,000). Nuclei were stained blue with DAPI; Helicase like transcription factor was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20 µm.

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Western blotting analysis using anti-helicase like transcription factor antibody (Cat#4507). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-helicase like transcription factor antibody (Cat#4507, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ<sup>TM</sup> ECL Substrate Kit (Cat#716).