Anti-ALKBH2 Rabbit Monoclonal Antibody

Catalog #: 3664

Aliases

ALKBH2; AlkB Homolog 2, Alpha-Ketoglutarate Dependent Dioxygenase; ABH2; Alpha-Ketoglutarate-Dependent Dioxygenase AlkB Homolog 2; Alkylated DNA Repair Protein AlkB Homolog 2; DNA Oxidative Demethylase ALKBH2; MGC90512; Oxy DC1; AlkB, Alkylation Repair Homolog 2 (E. Coli); AlkB, Alkylation Repair Homolog 2; 2OG-Fe(II) Oxy DC1; EC 1.14.11.33

Background

Gene Name: ALKBH2
NCBI Gene Entry: 121642
UniProt Entry: Q6NS38

Application Information

Molecular Weight: Predicted, 29 kDa; observed, 25 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB6800
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human ALKBH2

Isotype

Rabbit IgG

Storage Buffer

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

Storage

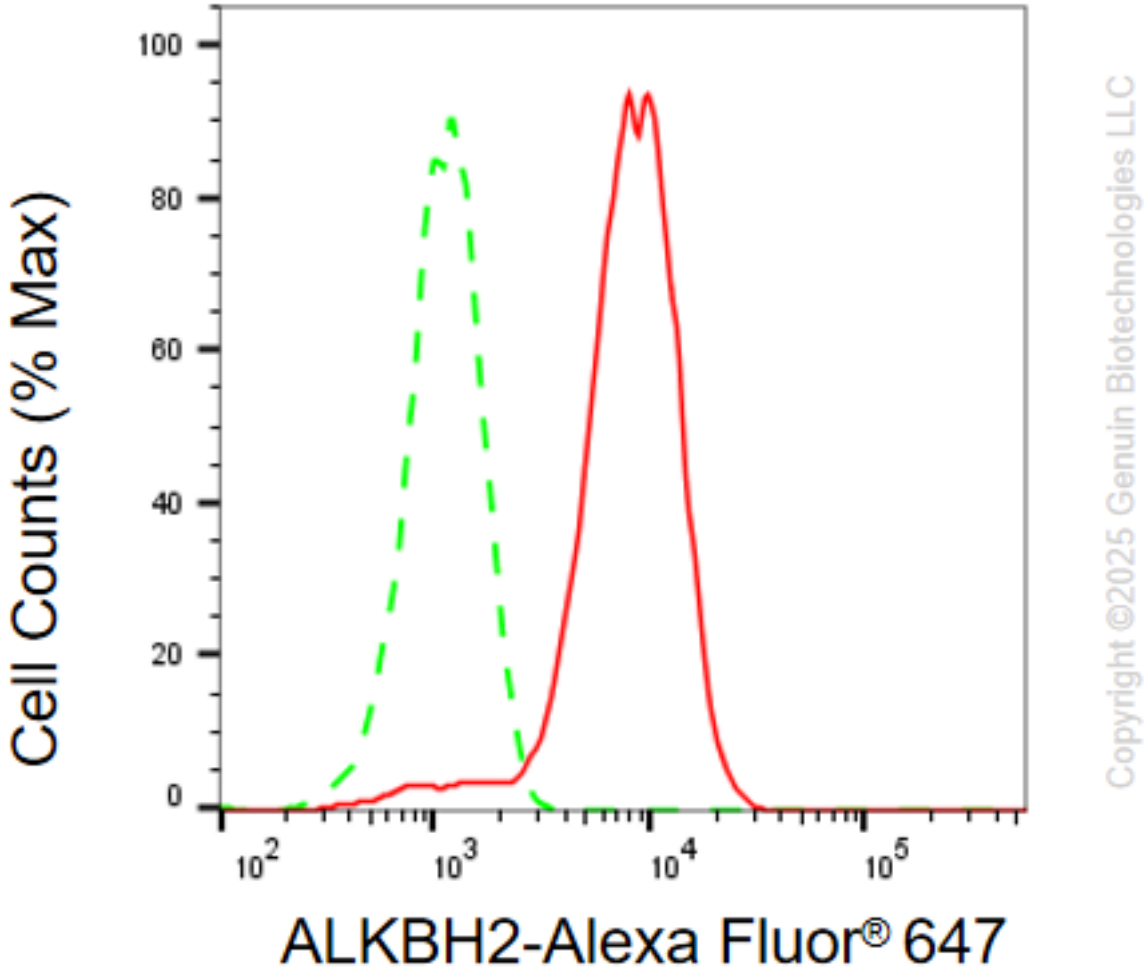
Store at -20 °C for one year.

Recommended Dilutions

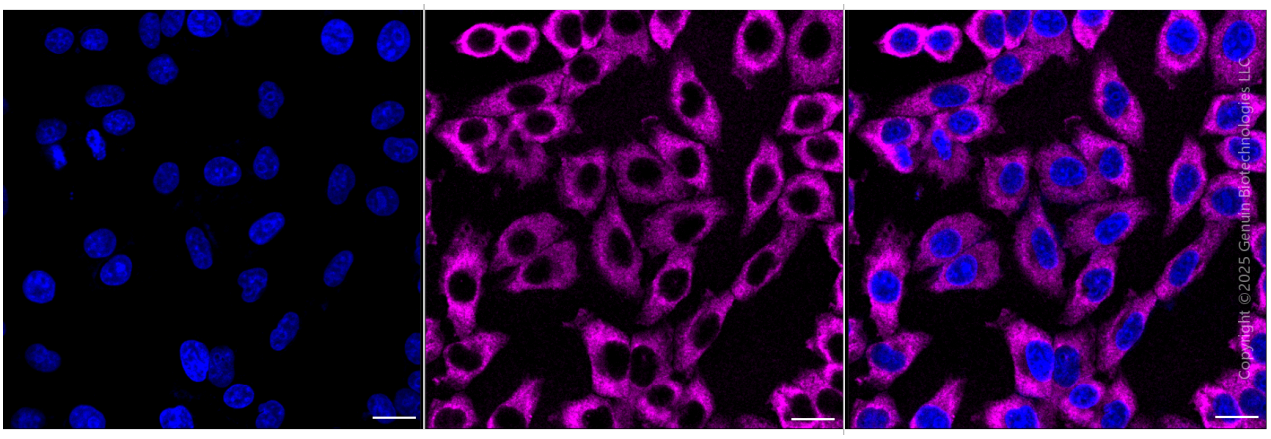
Western Blotting (WB): 1:1,000-1:5,000
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

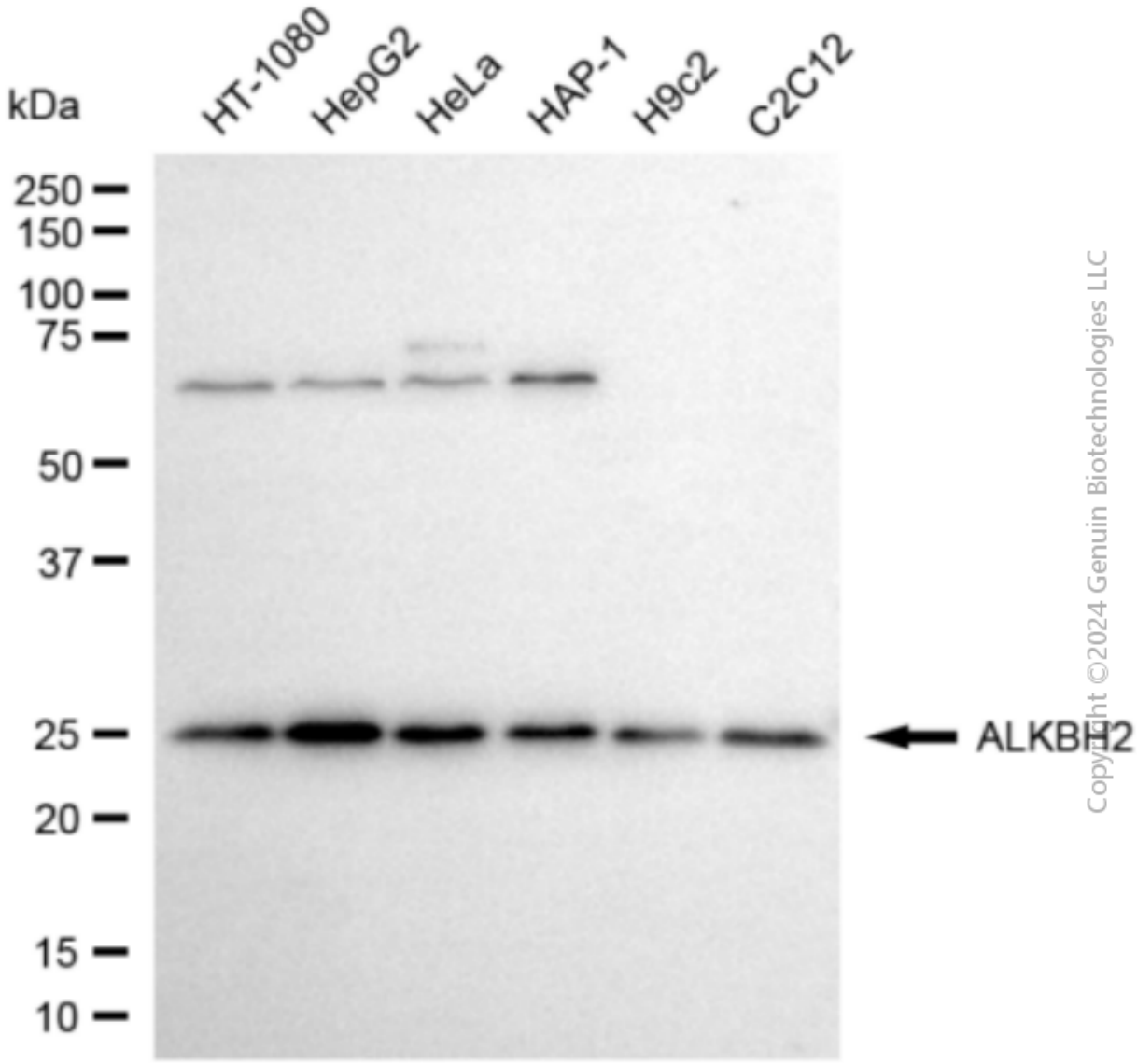
Validation Data



Flow cytometric analysis of ALKBH2 expression in HepG2 cells using anti-ALKBH2 antibody (Cat#3664, 1:2,000). Green, isotype control; red, ALKBH2.



Immunocytochemical staining of HepG2 cells with anti-ALKBH2 antibody (Cat#3664, 1:1,000) . Nuclei were stained blue with DAPI; ALKBH2 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-ALKBH2 antibody (Cat#3664). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ALKBH2 antibody (Cat#3664, 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).