# Anti-NIF3L1 Recombinant Rabbit Monoclonal Antibody

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# Catalog #: 2274

## Aliases

NGG1 Interacting Factor 3 Like 1; ALS2CR1; CALS-7; MDS015; Amyotrophic Lateral Sclerosis 2 Chromosomal Region Candidate Gene 1 Protein; NIF3 (Ngg1 Interacting Factor 3, S.Pombe Homolog)-Like 1; NIF3 NGG1 Interacting Factor 3-Like 1; NIF3-Like Protein 1; Amyotrophic Lateral Sclerosis 2 (Juvenile) Chromosome Region, Candidate 1; NIF3 NGG1 Interacting Factor 3-Like 1 (S. Cerevisiae); NIF3 NGG1 Interacting Factor 3-Like 1 (S. Pombe); Putative GTP Cyclohydrolase 1 Type 2 NIF3L1; GTP Cyclohydrolase I

## Background

Gene Name: NIF3L1
NCBI Gene Entry: 60491
UniProt Entry: Q9GZT8

## Application Information

Molecular Weight: Predicted, 42 kDa; observed, 38 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB80
Species Reactivity: Human
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human ALS2CR1

## 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

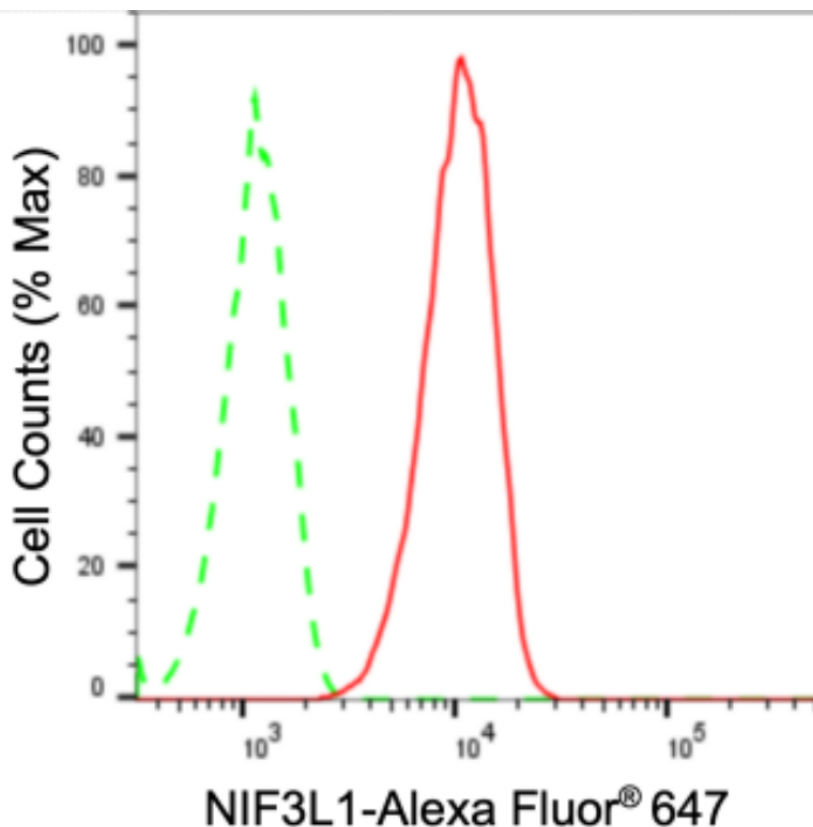---

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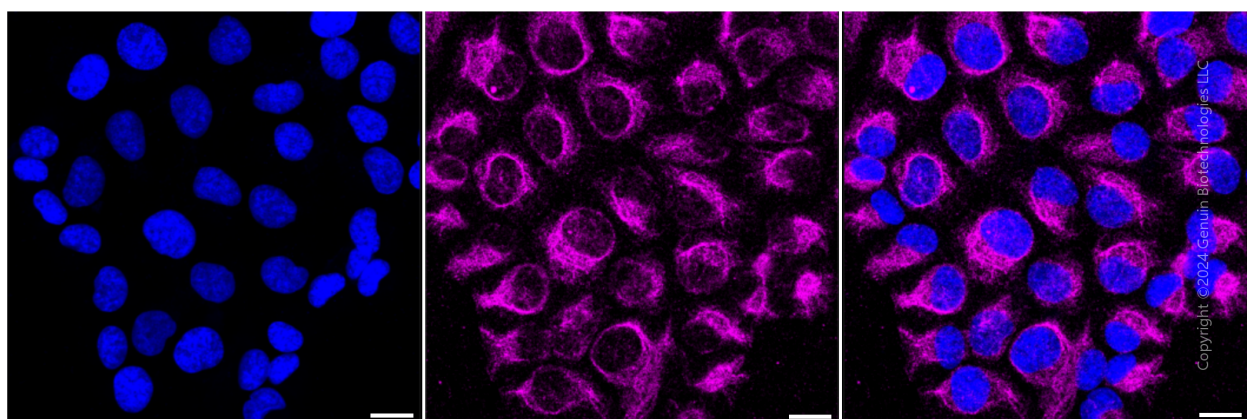FAX:+1-540-855-7041

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**Note:** This product is for research use only.

## Validation Data



Flow cytometric analysis of NIF3L1 expression in HT-1080 cells using anti-NIF3L1 antibody (Cat#2274, 1:2,000). Green, isotype control; red, NIF3L1.



Immunocytochemical staining of HT-1080 cells with anti-NIF3L1 antibody (Cat#2274, 1:1,000). Nuclei were stained blue with DAPI; NIF3L1 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.
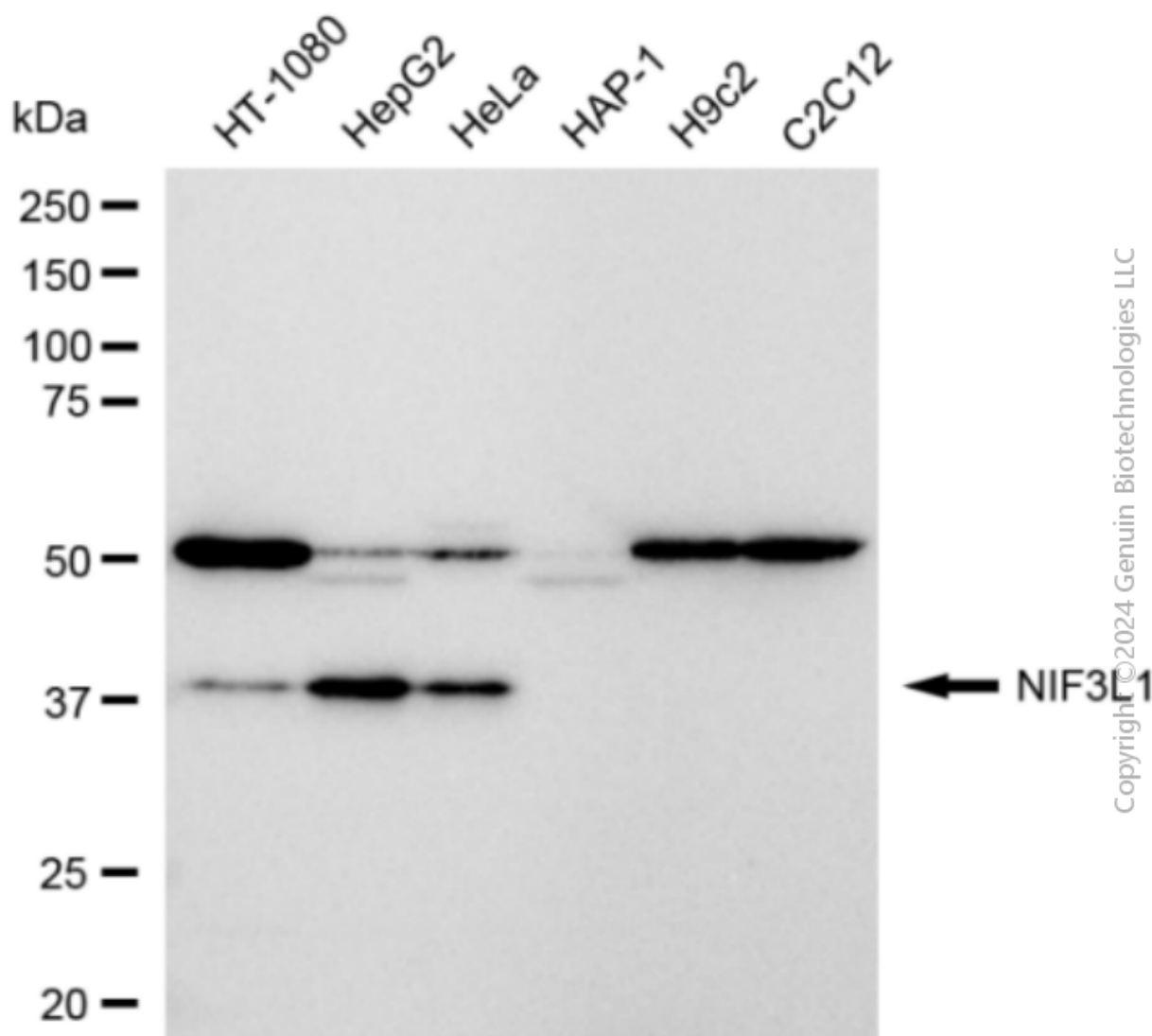
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Western blotting analysis using anti-NIF3L1 antibody (Cat#2274). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NIF3L1 antibody (Cat#2274, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).