Anti-PEF1 Recombinant Rabbit Monoclonal Antibody

GenuIN BIOTECH
REAL MATTERS

Catalog #: 3998

Aliases

PEF1; Penta-EF-Hand Domain Containing 1; Peflin; PEF1A; PEF Protein With A Long N-Terminal Hydrophobic Domain; ABP32; Epididymis Secretory Sperm Binding Protein; Penta-EF Hand Domain-Containing Protein 1

Background

Gene Name: PEF1
NCBI Gene Entry: 553115
UniProt Entry: Q9UBV8

Application Information

Molecular Weight: Predicted, 30 kDa; observed, 30 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB9080
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human PEF1

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
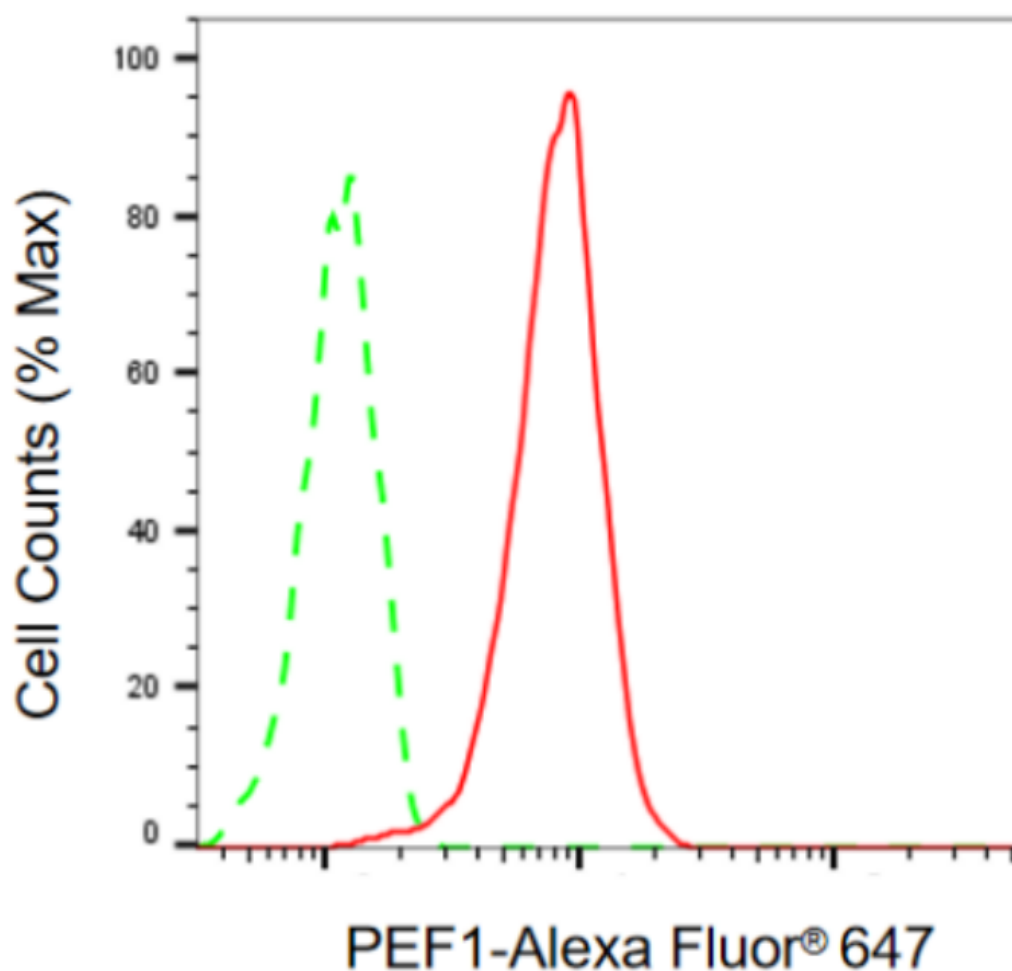
Note: This product is for research use only.

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Validation Data

Flow cytometric analysis of PEF1 expression in HeLa cells using anti-PEF1 antibody (Cat#3998, 1:2,000). Green, isotype control; red, PEF1.
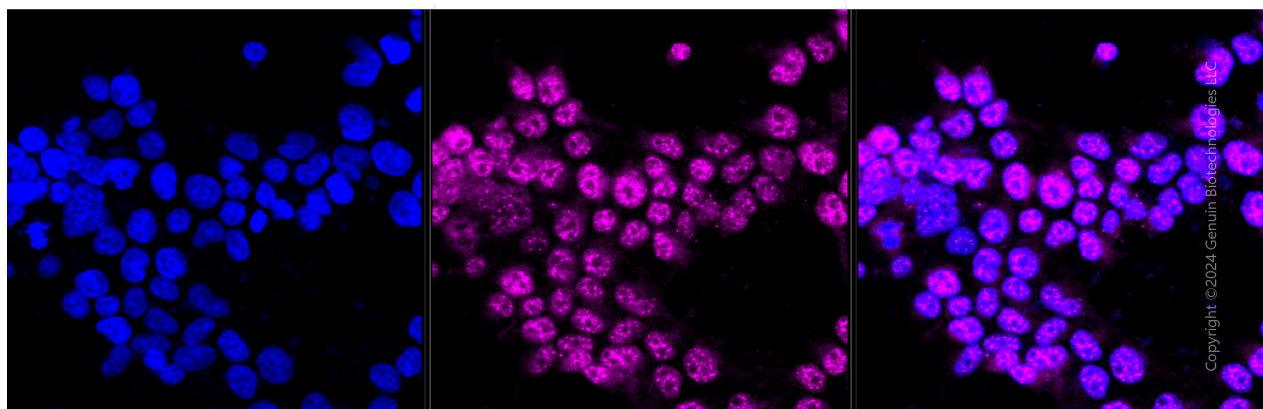
Immunocytochemical staining of Hela cells with anti-PEF1 antibody (Cat#3998, 1:1,000). Nuclei

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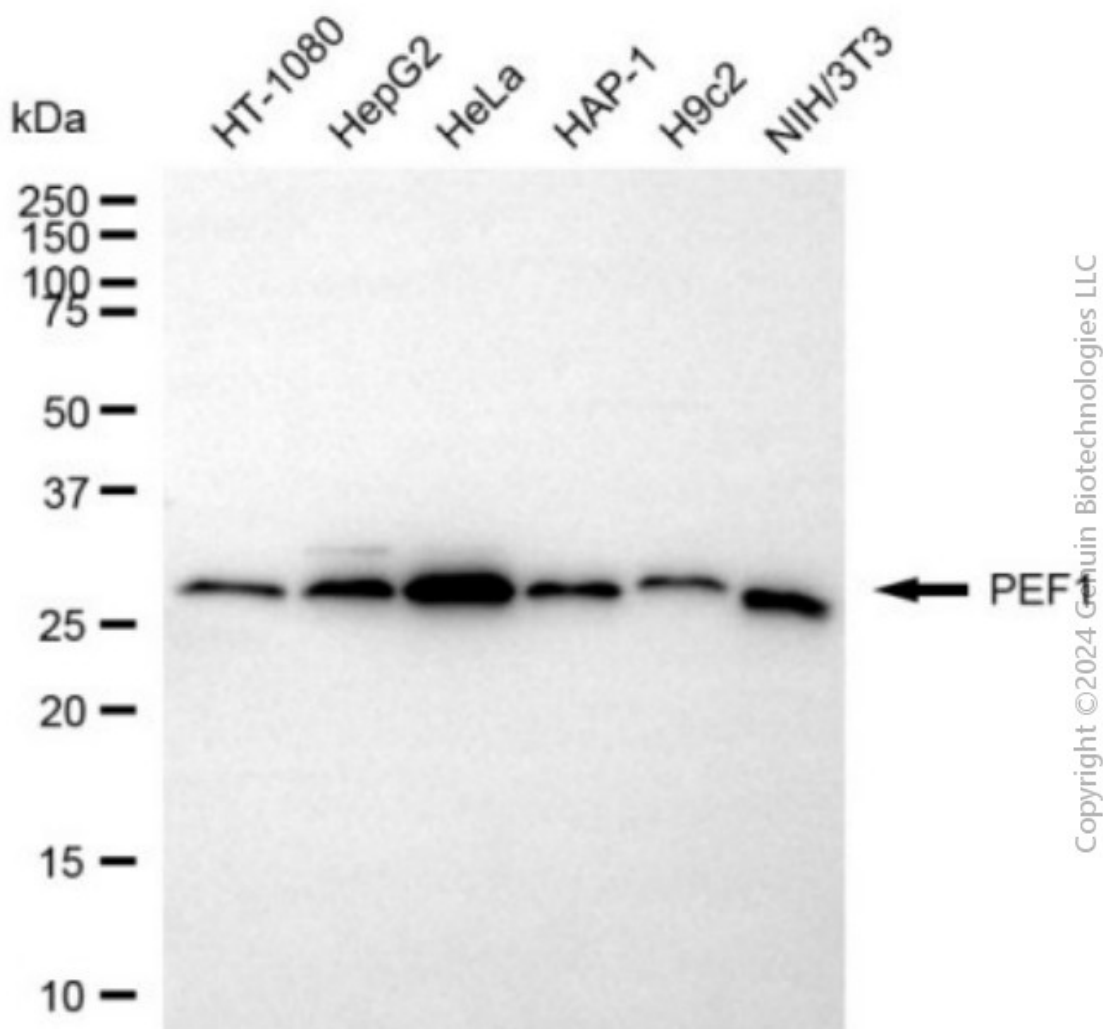
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were stained blue with DAPI; PEF1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μm.

Western blotting analysis using anti-PEF1 antibody (Cat#3998). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PEF1 antibody (Cat#3998, 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).

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