

Catalog #: 3858

Aliases

DPPA4; Developmental Pluripotency Associated 4; Developmental Pluripotency-Associated Protein 4; FLJ10713; 2410091M23Rik

Background

Gene Name: DPPA4

NCBI Gene Entry: [55211](#)

UniProt Entry: [Q7L190](#)

Application Information

Molecular Weight: Predicted, 34 kDa; observed, 36 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB8220

Species Reactivity: Human

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

Immunogen

Recombinant protein of human DPPA4

Isotype

Mouse IgG1

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): 1:500-1:2,500

Immunohistochemistry (IHC): 1:100-1:1,000

Flow Cytometry (FCM) : 1:2,000

Note: This product is for research use only.

Validation Data

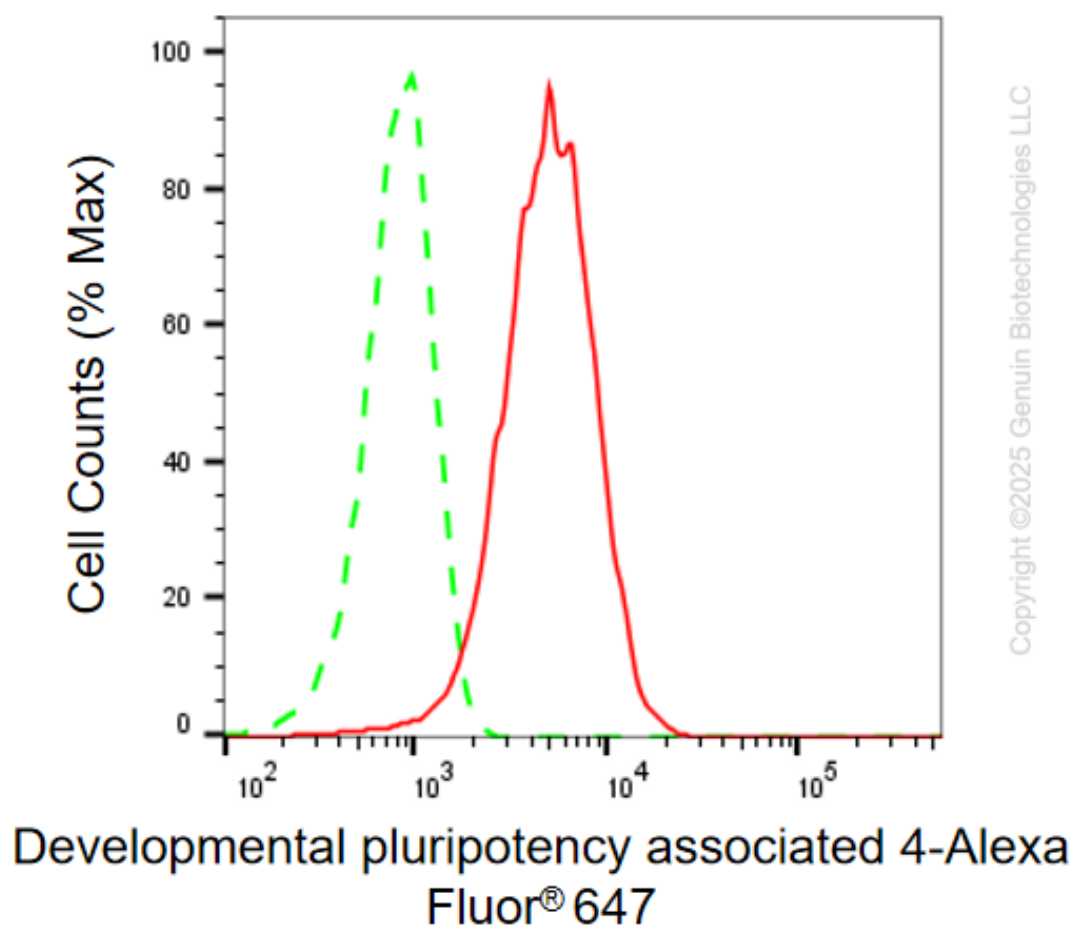
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TEL: +1-540-855-7041

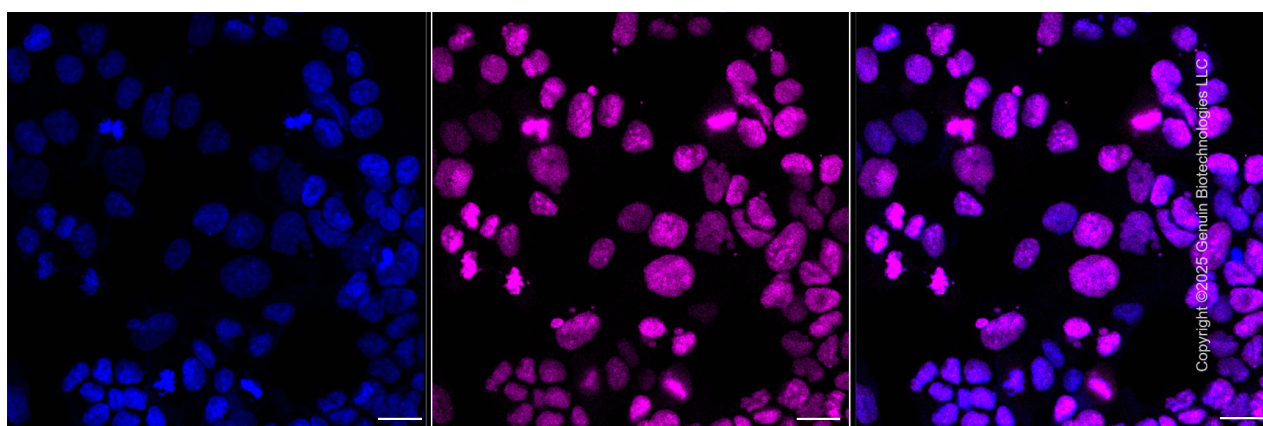
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Flow cytometric analysis of Developmental pluripotency associated 4 expression in HAP-1 cells using anti-Developmental pluripotency associated 4 antibody (Cat#3858, 1:1,000). Green, isotype control; red, Developmental pluripotency associated 4.



Immunocytochemical staining of HAP1 cells with anti-Developmental pluripotency associated 4 antibody (Cat#3858, 1:500). Nuclei were stained blue with DAPI; Developmental pluripotency

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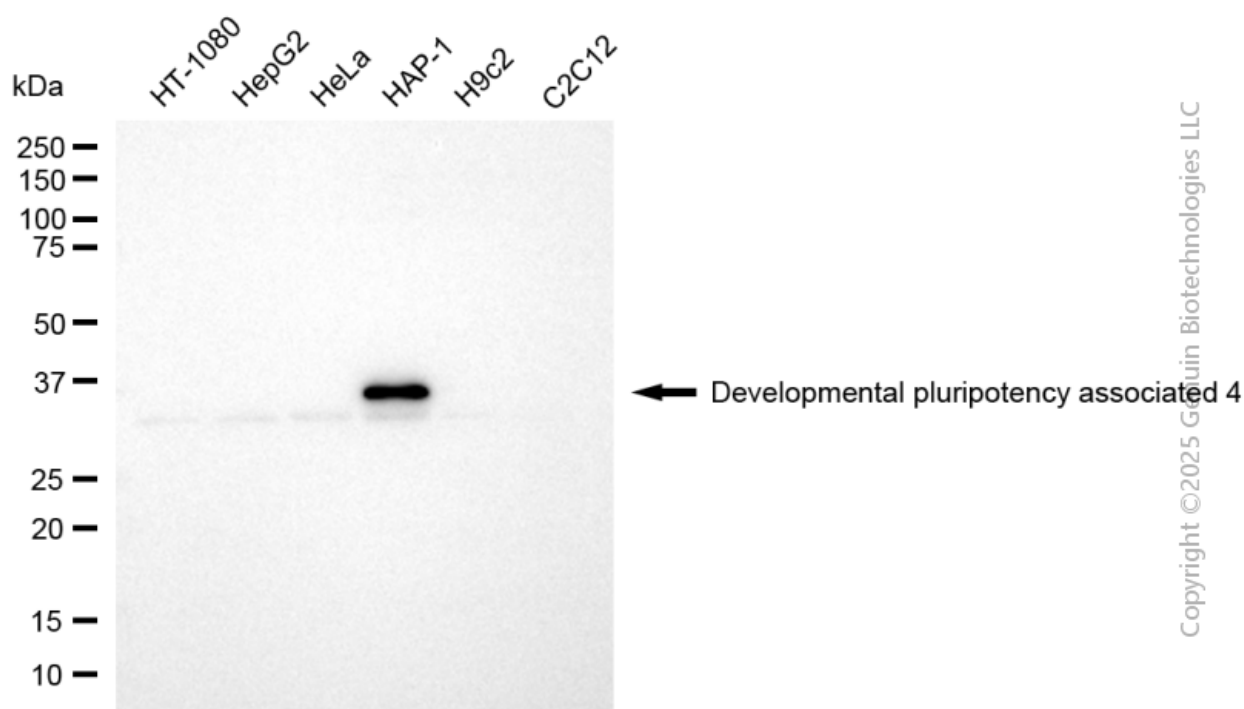
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associated 4 stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Western blotting analysis using anti-developmental pluripotency associated 4 antibody (Cat#3858). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-developmental pluripotency associated 4 antibody (Cat#3858, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).