

KD-Validated Anti-PADI2 Mouse Monoclonal Antibody



Catalog #: 61951

Aliases

PADI2; Peptidyl Arginine Deiminase 2; PDI2; KIAA0994; Peptidyl Arginine Deiminase, Type II; Protein-Arginine Deiminase Type II; Protein-Arginine Deiminase Type-2; EC 3.5.3.15; PAD-H19; PAD2; Peptidylarginine Deiminase II

Background

Gene Name: PADI2

NCBI Gene Entry: [11240](#)

UniProt Entry: [Q9Y2J8](#)

Application Information

Molecular Weight: Predicted, 76 kDa; observed, 74 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB6005

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB)

Immunogen

Recombinant protein of human PADI2

Isotype

Mouse IgG2a

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

Note: This product is for research use only.

Validation Data

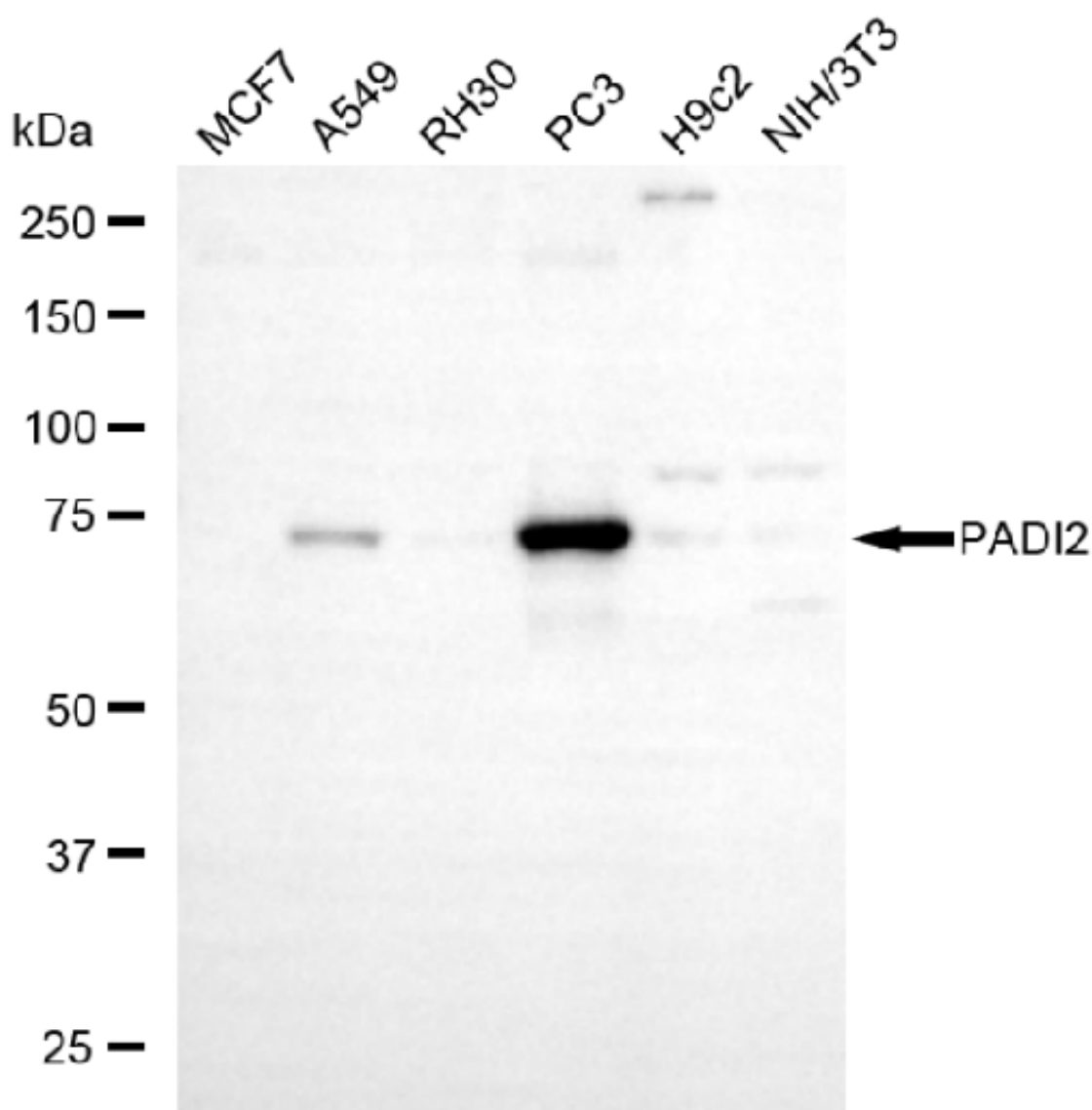
SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

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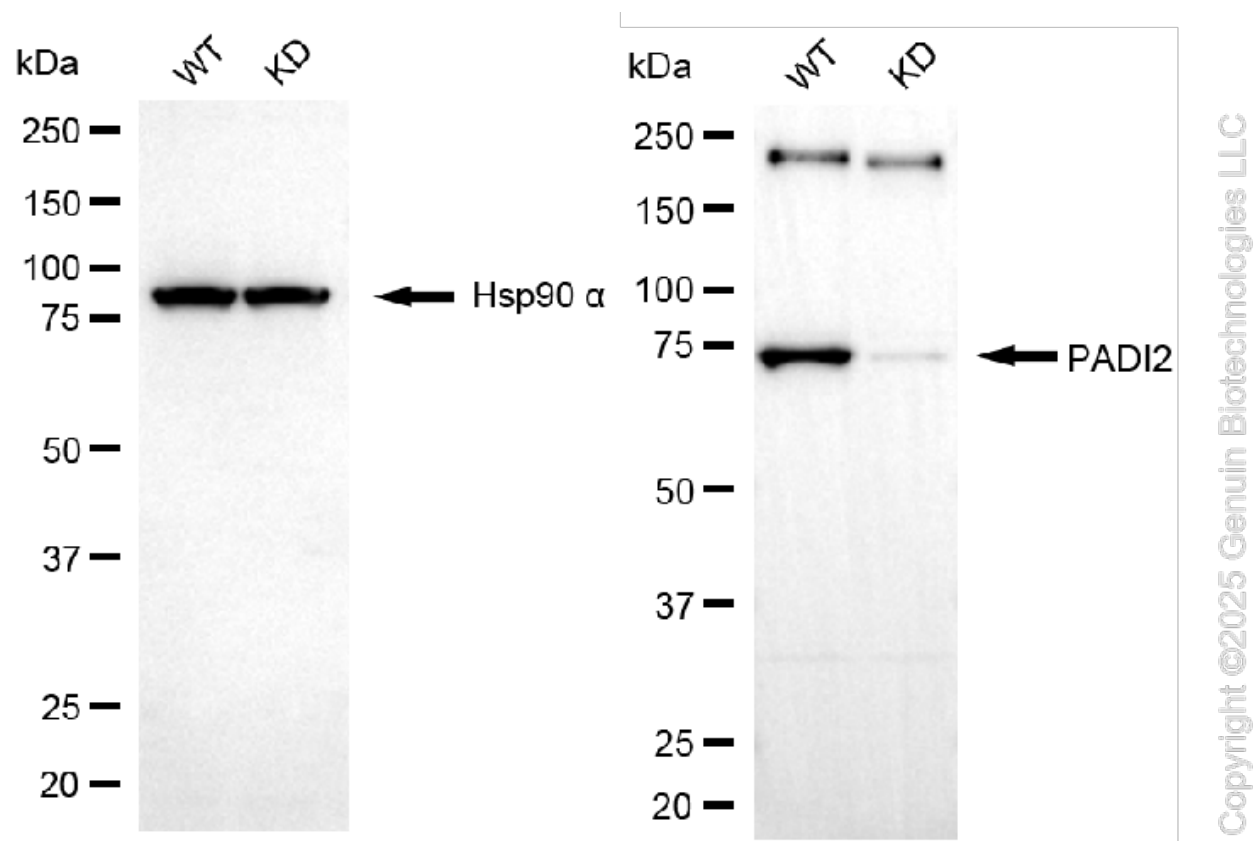
SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM



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Western blotting analysis using anti-PADI2 antibody (Cat#61951). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PADI2 antibody (Cat#61951, 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).



Western blotting analysis using anti-PADI2 antibody (Cat#61951). PADI2 expression in wild-type (WT) and PADI2 knockdown (KD) 293T cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PADI2 antibody (Cat#61951, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).