9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# KD-Validated Anti-NAMPT Rabbit Monoclonal Antibody

*Rabbit monoclonal Antibody*

ABG2214

## Product Overview

| | |
|---|---|
| **Name** | KD-Validated Anti-NAMPT Rabbit Monoclonal Antibody |
| **Accession(Primary)** | P43490 |
| **Host Species** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype** | Rabbit IgG |
| **Immunogen** | A synthesized peptide derived from human Visfatin |
| **Species Reactivity** | Human, Mouse, Rat |
| **Calculated MW** | Predicted, 56 kDa, observed, 50 kDa |
| **Storage Buffer** | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide. |
| **Recommended Dilution** | Western Blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:1,000 |

## Target information (P43490)

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|---|---|
| **Gene Name** | NAMPT |
| **About Gene Symbol** | NAMPT (Nicotinamide Phosphoribosyltransferase) is a metabolic enzyme involved in adaptive immunity. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |

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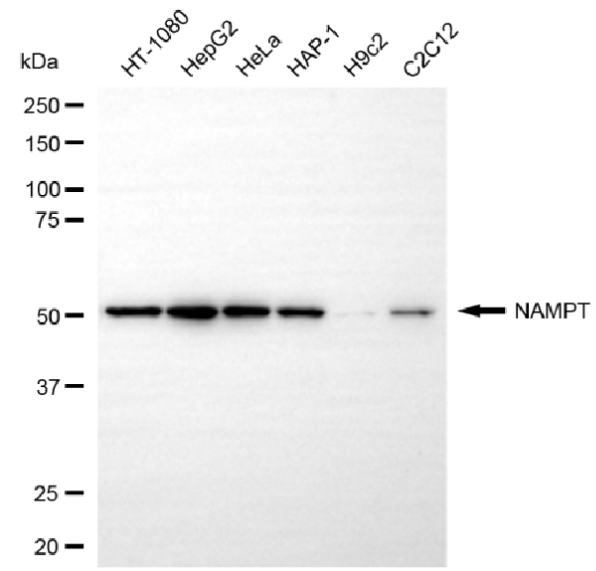


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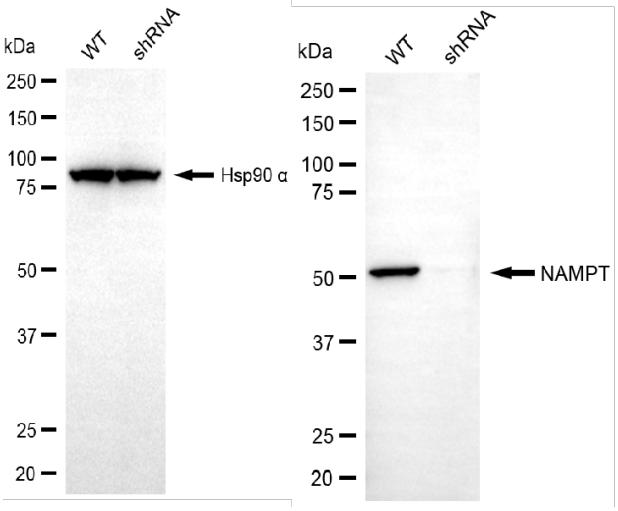
Western blotting analysis using anti-NAMPT antibody (Cat#ABG2214). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NAMPT antibody (Cat#ABG2214, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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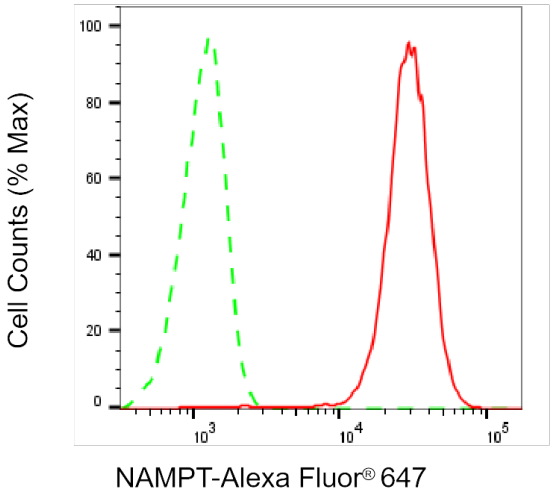
Western blotting analysis using anti-NAMPT antibody (Cat#ABG2214). NAMPT expression in wild-type (WT) and NAMPT shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-NAMPT antibody (Cat#ABG2214, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Flow cytometric analysis of NAMPT expression in HepG2 cells using anti-NAMPT antibody (Cat#ABG2214, 1:2,000). Green, isotype control; red, NAMPT.