9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Karyopherin subunit alpha 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1025

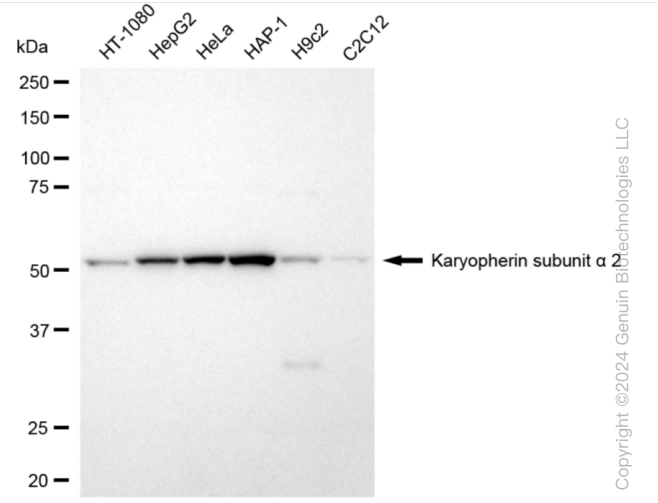
Product Overview

Name	KD-Validated Anti-Karyopherin subunit alpha 2 Rabbit Monoclonal Antibody
Accession(Primary)	P52292
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human KPNA2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 58 kDa, observed, 58 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

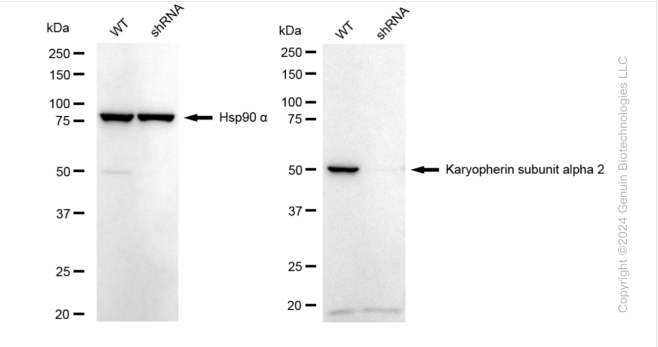
Target information (P52292)

Gene Name	KPNA2
About Gene Symbol	KPNA2 (Karyopherin Subunit Alpha 2) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

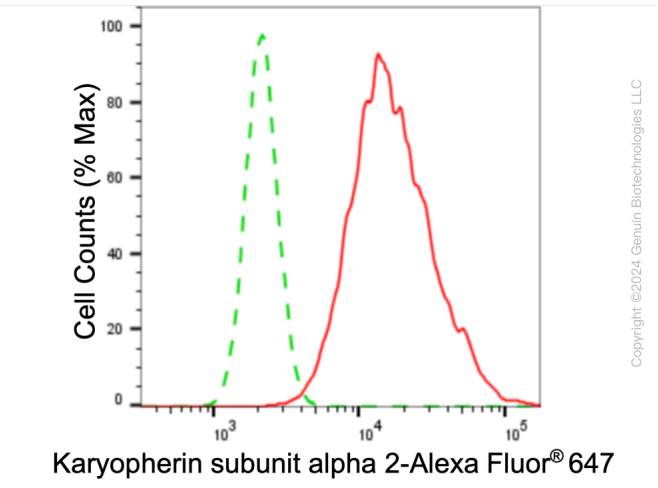
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Western blotting analysis using anti-karyopherin subunit alpha 2 antibody (Cat#ABG1025). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-karyopherin subunit alpha 2 antibody (Cat#ABG1025, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-karyopherin subunit alpha 2 antibody (Cat#ABG1025). Karyopherin subunit alpha 2 expression in wild type (WT) and karyopherin subunit alpha 2 (KPNA2) 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-karyopherin subunit alpha 2 antibody (Cat#ABG1025, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of karyopherin subunit alpha 2 expression in HepG2 cells using karyopherin subunit alpha 2 antibody (Cat#ABG1025, 1:2,000). Green, isotype control; red, karyopherin subunit alpha 2.