

# KD-Validated Anti-Karyopherin subunit alpha 2 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

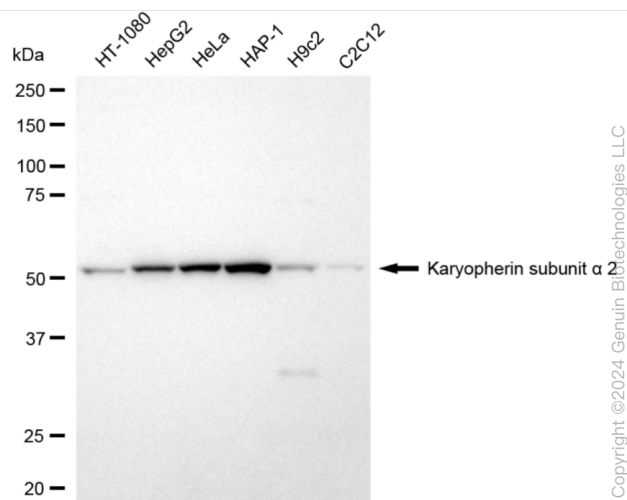
ABG1025

## Product Overview

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

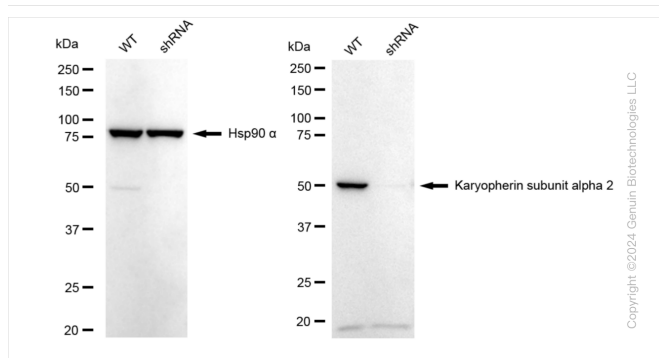
## Target information (P52292)

|                          |                                                                                                                                                                                                                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | KPNA2                                                                                                                                                                                                                                                                                                                |
| <b>About Gene Symbol</b> | 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. |



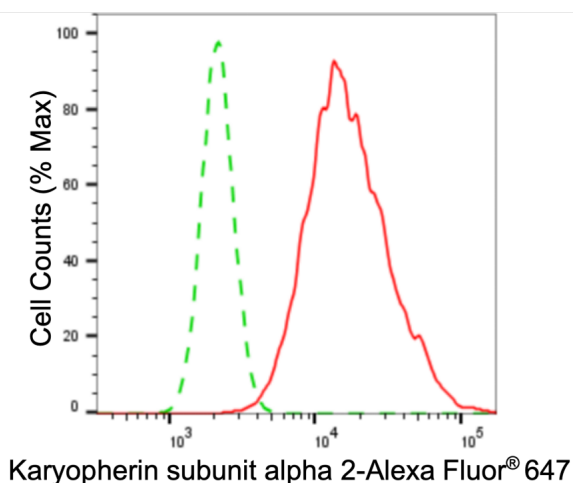
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Western blotting analysis using anti-karyopherin subunit alpha 2 antibody (Cat#ABG1025). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-karyopherin subunit alpha 2 antibody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



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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.



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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.