

Product Name: KD-Validated Importin 9 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA01054

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 116.0kDa

Antigen Information

Gene Name	IPO9
Alternative Names	IPO9; Importin 9; Imp9; Ran-Binding Protein 9; Importin-9; FLJ10402; RanBP9; IMP9; KIAA1192; RANBP9
Gene ID	55705.0
SwissProt ID	Q96P70
Immunogen	A synthesized peptide derived from human Importin 9 / RANBP9

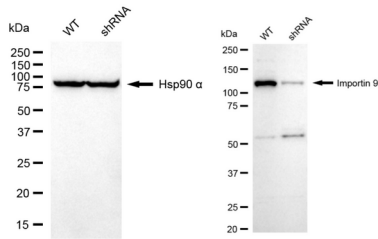
Background

Enables histone binding activity; histone chaperone activity; and nuclear import signal receptor activity. Involved in proteasome localization and protein import into nucleus. Located in cytosol and nucleoplasm. [provided by Alliance of Genome Resources, Jul 2025]

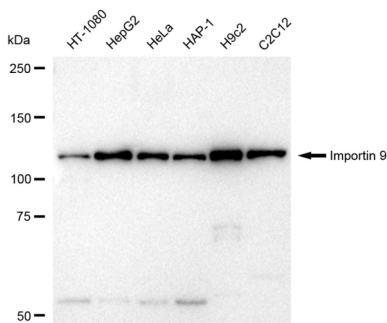
Research Area

Signal Transduction, Epigenetics and Nuclear Signaling

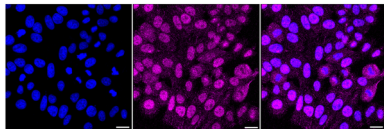
Image Data



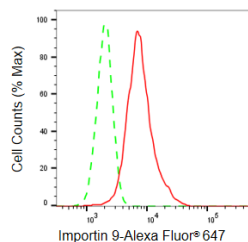
Western blotting analysis using Importin 9 antibody (KVA01054). Importin 9 expression in wild type (WT) and Importin 9 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with Importin 9 antibody (KVA01054, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using Importin 9 antibody (KVA01054). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Importin 9 antibody (KVA01054, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with Importin 9 antibody (KVA01054, 1:1,000). Nuclei were stained blue with DAPI; Importin 9 was 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.



Flow cytometric analysis of Importin 9 expression in HepG2 cells using Importin 9 antibody (KVA01054, 1:2,000). Green, isotype control; red, Importin 9.