

## Recombinant Importin 9 Monoclonal Antibody

**catalog number: E-AB-81428**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	A synthetic peptide of human Importin 9
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R03-8D9
<b>Purification</b>	Affinity Purified
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

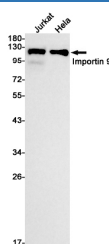
### Applications

**WB**

### Recommended Dilution

1:500-1:1000

### Data



Western blot detection of Importin 9/RANBP9 in Jurkat, HeLa cell lysates using Importin 9/RANBP9 Rabbit mAb(1:1000 diluted). Predicted band size: 115kDa. Observed band size: 115kDa.

**Observed-MW: 115 kDa**

**Calculated-MW: 115 kDa**

### Preparation & Storage

#### Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

#### Shipping

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

Importin-9, also known as Imp9 or IPO9, is a 1,041 amino acid protein that contains one importin N-terminal domain and belongs to the Importin- $\beta$  family. Localized to both the nucleus and the cytoplasm, Importin-9 functions as a nuclear transport receptor that mediates the docking of the Importin complex to the nuclear pore complex (NPC). Importin-9 mediates nuclear import of H2B histone, Ribosomal Protein S7 and Ribosomal Protein L18A. The gene encoding Importin-9 is located on human chromosome 1, the largest human chromosome that spans about 260 million base pairs and makes up 8% of the human genome.

### For Research Use Only