



[Go to Product page](#)

Datasheet for ABIN561620

## anti-Importin 5 antibody (AA 1-100)

7 Images

2 Publications

### Overview

Quantity:	100 µg
Target:	Importin 5 (IPO5)
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Importin 5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant RANBP5.
Immunogen:	RANBP5 (AAH01497, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MAAAAAEQQQ FYLLGNLLS PDNVVRKQAE ETYENIPGQS KITFLLQAIR NTTAAEEARQ MAAVLLRRLS SSFDEVYPA LPSDVQTAIK SELLMIIQME
Clone:	1C4
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

---

Target:	Importin 5 (IPO5)
Alternative Name:	IPO5 ( <a href="#">IPO5 Products</a> )
Background:	Full Gene Name: importin 5 Synonyms: DKFZp686O1576,FLJ43041,IMB3,KPNB3,MGC2068,RANBP5
Gene ID:	3843
Pathways:	<a href="#">Protein targeting to Nucleus</a>

## Application Details

---

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

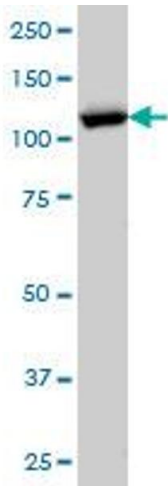
---

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

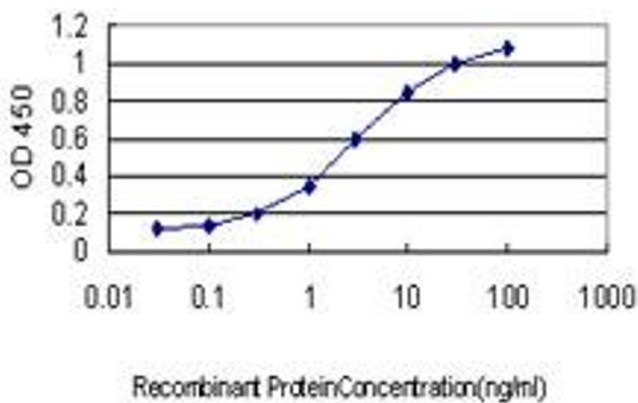
---

Product cited in:	Song, Lee, Kim, Lee, Chang, Lee: "Fas-Associated Factor 1 Negatively Regulates the Antiviral Immune Response by Inhibiting Translocation of Interferon Regulatory Factor 3 to the Nucleus." in: <b>Molecular and cellular biology</b> , Vol. 36, Issue 7, pp. 1136-51, (2016) ( <a href="#">PubMed</a> ).
	Hurd, Fan, Margolis: "Localization of retinitis pigmentosa 2 to cilia is regulated by Importin beta2." in: <b>Journal of cell science</b> , Vol. 124, Issue Pt 5, pp. 718-26, (2011) ( <a href="#">PubMed</a> ).



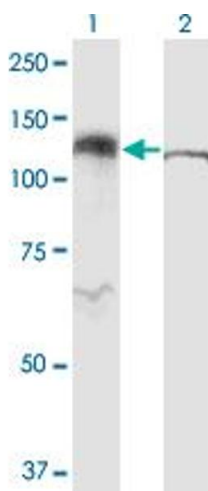
### Western Blotting

**Image 1.** RANBP5 monoclonal antibody (M01), clone 1C4 Western Blot analysis of RANBP5 expression in HeLa .



### ELISA

**Image 2.** Detection limit for recombinant GST tagged RANBP5 is approximately 0.03ng/ml as a capture antibody.



### Western Blotting

**Image 3.** Western Blot analysis of IPO5 expression in transfected 293T cell line by RANBP5 monoclonal antibody (M01), clone 1C4.

Lane 1: IPO5 transfected lysate (Predicted MW: 125.6 KDa).  
Lane 2: Non-transfected lysate.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN561620.