

For Research Use Only

IFI35 Recombinant antibody

Catalog Number: 83160-4-RR



Basic Information

Catalog Number: 83160-4-RR	GenBank Accession Number: BC001356	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3430	CloneNo.: 240063E1
Source: Rabbit	UNIPROT ID: P80217	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:200-1:800
Isotype: IgG	Full Name: interferon-induced protein 35	
Immunogen Catalog Number: AG34653	Calculated MW: 31 kDa	
	Observed MW: 31-35 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : A549 cells, HeLa cells, MCF-7 cells, HepG2 cells,
SW480 cells, Jurkat cells

IHC : human ovary cancer tissue,

Background Information

IFI35 (interferon induced protein 35), also known as IFP35. It is expected to be located in cytoplasm, nucleus and extracellular space. The protein is expressed in a wide range of cell types, including fibroblasts, macrophages, and epithelial cells. Involved in several processes, including macrophage activation involved in immune response; positive regulation of defense response; and regulation of signal transduction. And the calculated molecular weight of IFI35 is 31 kDa.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

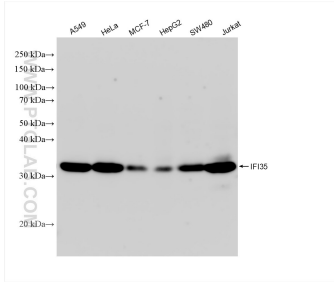
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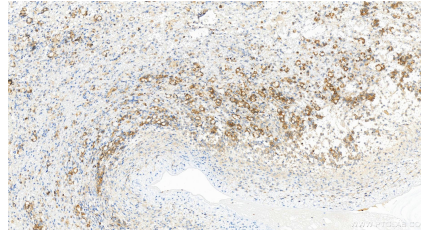
E: proteintech@ptglab.com
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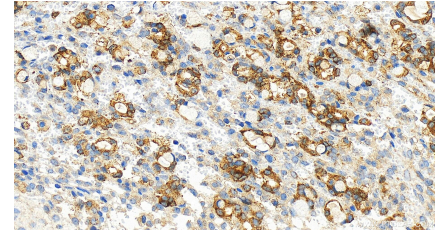
Selected Validation Data



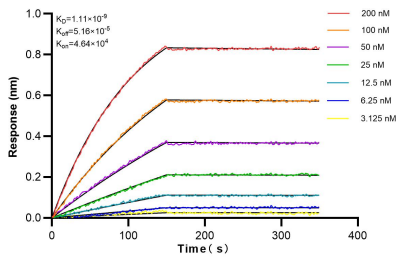
Various lysates were subjected to SDS PAGE followed by western blot with 83160-4-RR (IFI35 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 83160-4-RR (IFI35 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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Biolayer interferometry (BLI) kinetic assays of 83160-4-RR against Human IFI35 were performed. The affinity constant is 1.11 nM.