

For Research Use Only

# IMUP Recombinant antibody

Catalog Number: 84148-6-RR



## Basic Information

<b>Catalog Number:</b> 84148-6-RR	<b>GenBank Accession Number:</b> BC060319	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 64073	<b>CloneNo.:</b> 241220B4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9GZP8	<b>Recommended Dilutions:</b> IHC 1:50-1:500 IF/ICC 1:200-1:800
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 19 open reading frame 33	
<b>Immunogen Catalog Number:</b> AG22218	<b>Calculated MW:</b> 106 aa, 11 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, ELISA	<b>Positive Controls:</b> IHC : human skin cancer tissue, IF/ICC : A431 cells,
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Immortalization up-regulated protein (IMUP), also known as C19orf33 or H2RSP, was first identified in SV40-immortalized fibroblasts and includes two isoforms, IMUP-1 and IMUP-2 (PMID: 14981917; 35142956). It is found primarily in the nucleus (PMID: 11606055). IMUP is reportedly upregulated in many cancer cells and tissues and its overexpression is associated with tumorigenicity and cell-cycle acceleration (PMID: 16962562; 35142956; 22886722). The apparent molecular determined by SDS-PAGE might be due to post-translational modifications or anomalous migration behavior (PMID: 11080599).

## 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

For technical support and original validation data for this product please contact:

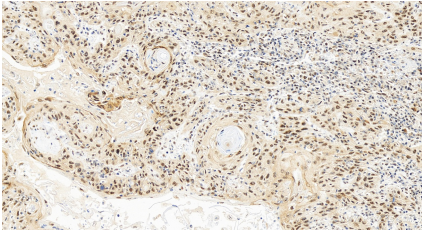
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

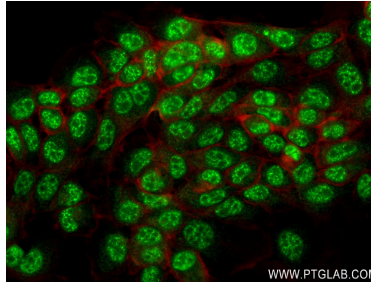
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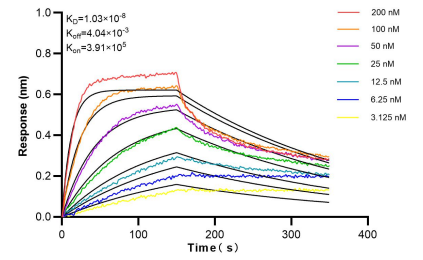
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 84148-6-RR (IMUP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using C19orf33 antibody (84148-6-RR, Clone: 241220B4) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Bi-layer interferometry (BLI) kinetic assays of 84148-6-RR against Human IMUP were performed. The affinity constant is 10.3 nM.