

For Research Use Only

# IMUP Recombinant antibody, PBS Only

Catalog Number: 84148-7-PBS



## Basic Information

Catalog Number:

84148-7-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22218

GenBank Accession Number:

BC060319

GeneID (NCBI):

64073

UNIPROT ID:

Q9GZP8

Full Name:

chromosome 19 open reading frame

33

Calculated MW:

106 aa, 11 kDa

Observed MW:

20-22 kDa

Purification Method:

Protein A purification

CloneNo.:

241220A4

## Applications

Tested Applications:

WB, FC (Intra), Indirect ELISA

Species Specificity:

human

## 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 -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

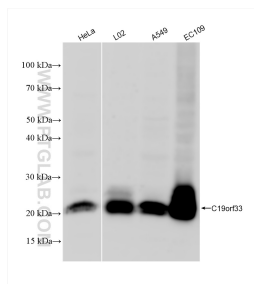
T: 4006900926

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

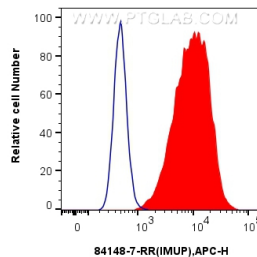
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84148-7-RR (IMUP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84148-7-PBS in a different storage buffer formulation.



$1 \times 10^6$  A431 cells were intracellularly stained with 0.25  $\mu$ g IMUP Recombinant antibody (84148-7-RR, Clone:241220A4) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set. This data was developed using the same antibody clone with 84148-7-PBS in a different storage buffer formulation.