IMUP Recombinant antibody

Catalog Number:84148-7-RR

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Basic Information

Catalog Number:
84148-7-RR

Size:
100ul , Concentration: 1000 μg/ml by Nanodrop;

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 purfication

CloneNo.:
241220A4

Recommended Dilutions:
WB 1:1000-1:6000

Applications

Tested Applications:
WB, FC (Intra), ELISA

Species Specificity:
human

Positive Controls:
WB : HeLa cells, L02 cells, A549 cells, EC109 cells

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).
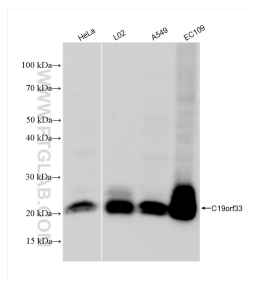
Storage

Storage:
Store at -20℃. 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
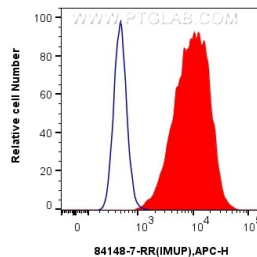
*** 20ul sizes contain 0.1% BSA

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.

1x10^6 A431 cells were intracellularly stained with 0.25 ug IMUP Recombinant antibody (84148-7-RR, Clone:241220A4) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.