

For Research Use Only

CXorf21 Recombinant monoclonal antibody

Catalog Number: 88004-1-RR



Basic Information

| | | |
|--|---|---|
| Catalog Number: 88004-1-RR | GenBank Accession Number: BC020611 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 80231 | CloneNo.: 260203H7 |
| Source: Rabbit | UNIPROT ID: Q9HAI6 | Recommended Dilutions: WB: 1:1000-1:4000 |
| Isotype: IgG | Full Name: chromosome X open reading frame 21 | |
| Immunogen Catalog Number: AG32773 | Observed MW: 34 kDa | |

Applications

| | |
|---|---|
| Tested Applications: WB, ELISA | Positive Controls: WB : RAW 264.7 cells, THP-1 cells, J774A.1 cells |
| Species Specificity: human, mouse | |

Background Information

CXorf21 (Chromosome X open reading frame 21) is also named as TASL and TLR adapter interacting with SLC15A4 on the lysosome. CXorf21 is an innate immune adapter that mediates the recruitment and activation of IRF5 downstream of endolysosomal toll-like receptors TLR7, TLR8 and TLR9 (PMID:32433612). CXorf21 plays a role in the regulation of endolysosomal pH in immune cells such as B-cells, dendritic cells and monocytes (PMID: 31001245). CXorf21 is a mediator of the X-chromosome gene dose-dependent increased risk of SLE in females (PMID: 31695690).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

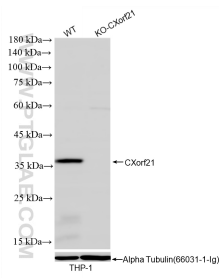
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

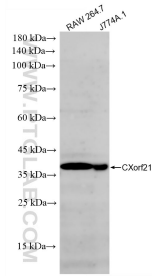
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88004-1-RR (CXorf21 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 88004-1-RR (CXorf21 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.