

For Research Use Only

# MUTED/BLOC1S5 Polyclonal antibody



Catalog Number: 24015-1-AP

Featured Product

2 Publications

## Basic Information

<b>Catalog Number:</b> 24015-1-AP	<b>GenBank Accession Number:</b> BC119644	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 700 µg/ml by Nanodrop and 380 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 63915	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> muted homolog (mouse)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 187 aa, 22 kDa	
<b>Immunogen Catalog Number:</b> AG21226	<b>Observed MW:</b> 22-25 kDa	

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293T cells, IF : HEK-293 cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human, mouse	

## Background Information

BLOC1S5 (biogenesis of lysosomal organelles complex 1 subunit 5) encodes a subunit of the BLOC1, a complex that is involved in transport of some but not all cargo to the lysosome and lysosome-related organelles. BLOC1S5 has a crucial role in STING-mediated cell death upon stimulation with low concentrations of CMA (PMID: 29033128).

## Notable Publications

Author	Pubmed ID	Journal	Application
Ankush Borlepawar	33142804	Cells	WB
Moritz M Gaidt	29033128	Cell	WB

## Storage

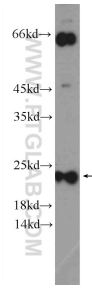
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

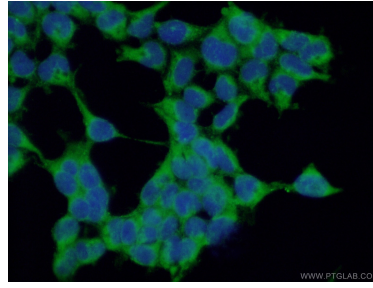
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



HEK-293T cells were subjected to SDS PAGE followed by western blot with 24015-1-AP (MUTED Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using 24015-1-AP (MUTED antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).