

For Research Use Only

# MTCP1NB Polyclonal antibody

Catalog Number: 10235-1-AP



## Basic Information

### Catalog Number:

10235-1-AP

### Size:

150ul , Concentration: 313 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0338

### GenBank Accession Number:

BC002600

### GeneID (NCBI):

100272147

### UNIPROT ID:

P56277

### Full Name:

mature T-cell proliferation 1 neighbor

### Calculated MW:

13 kDa, 8 kDa

### Observed MW:

8 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

IF/ICC, IP, ELISA

### Species Specificity:

human, mouse

### Positive Controls:

IP : HEK-293T cells,

IF/ICC : U2OS cells,

## Background Information

MTCP1NB, also named as C6.1B, MTCP1, MTCP1B, is a member of the CMC4 protein family. MTCP1NB is 8 kDa protein that localizes to mitochondria. MTCP1NB was identified by involvement in some t(14) translocations associated with mature T-cell proliferations(NCBI).

## 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

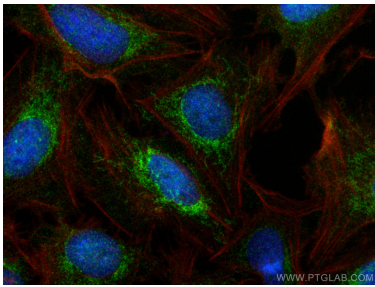
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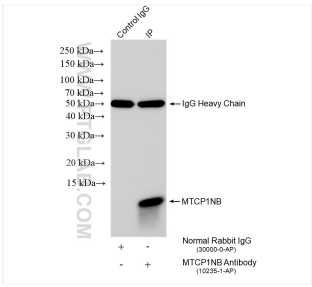
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using MTCP1NB antibody (10235-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



IP result of anti-MTCP1NB (IP:10235-1-AP, 4ug; Detection:10235-1-AP 1:300) with HEK-293T cells lysate 1320 ug.