

For Research Use Only

# MMS2 Polyclonal antibody

Catalog Number: 10689-1-AP

2 Publications



## Basic Information

**Catalog Number:**

10689-1-AP

**Size:**

800 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1111

**GenBank Accession Number:**

BC007051

**GeneID (NCBI):**

7336

**UNIPROT ID:**

Q15819

**Full Name:**

ubiquitin-conjugating enzyme E2 variant 2

**Calculated MW:**

16 kDa

**Observed MW:**

16-20 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

IHC 1:400-1:1600

IF/ICC 1:10-1:100

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, ELISA

**Cited Applications:**

WB, IF

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** HEK-293 cells, A375 cells, HeLa cells, HL-60 cells, human brain tissue, Jurkat cells, K-562 cells, rat liver tissue

**IHC:** human colon tissue,

**IF/ICC:** HeLa cells, HEK-293 cells

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Ziping Han	35906328	Transl Stroke Res	IF, WB
Fan Chai	25910425	Biochim Biophys Acta	WB, IF

## 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

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

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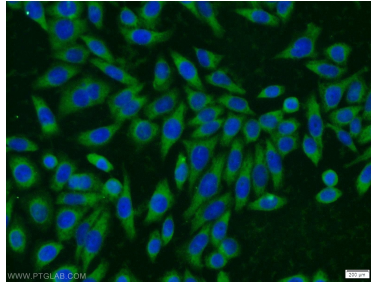
W: ptgcn.com

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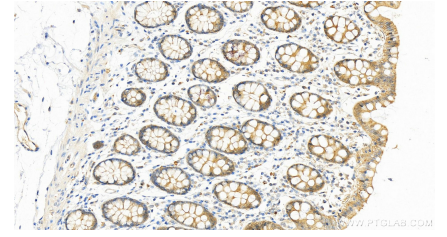
## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10689-1-AP (MMS2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells using 10689-1-AP (MMS2 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 10689-1-AP (MMS2 antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).