

For Research Use Only

# EHMT2 Monoclonal antibody

Catalog Number: 66689-1-Ig

Featured Product

8 Publications



## Basic Information

Catalog Number:

66689-1-Ig

Size:

1400 ug/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG27477

GenBank Accession Number:

BC018718

GeneID (NCBI):

10919

UNIPROT ID:

Q96KQ7

Full Name:

euchromatic histone-lysine N-methyltransferase 2

Calculated MW:

1210 aa, 132 kDa

Observed MW:

150 kDa and 170 kDa

Purification Method:

Protein A purification

CloneNo.:

1A12E3

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:1500-1:6000

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HEK-293 cells, HeLa cells

IF/ICC : A431 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Nicholas Marano	36274837	Front Cell Dev Biol	WB
Jun Yamamoto	35434545	iScience	WB
Xianchun Lan	35933409	Nat Commun	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

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

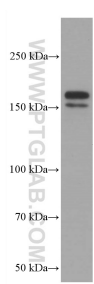
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

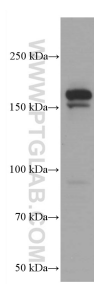
W: [ptgcn.com](http://ptgcn.com)

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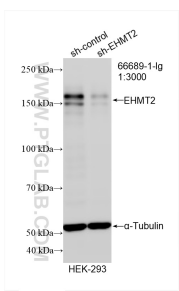
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 66689-1-Ig (EHMT2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 66689-1-Ig (EHMT2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



WB result of EHMT2 antibody (66689-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EHM2 transfected HEK-293 cells.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using EHM2 antibody (66689-1-Ig, Clone: 1A12E3 ) at dilution of 1:3000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-phalloidin (red).