

For Research Use Only

# MEK5 Polyclonal antibody

Catalog Number: 15758-1-AP

2 Publications



## Basic Information

Catalog Number:

15758-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8351

GenBank Accession Number:

BC008838

GeneID (NCBI):

5607

UNIPROT ID:

Q13163

Full Name:

mitogen-activated protein kinase  
kinase 5

Calculated MW:

448 aa, 50 kDa

Observed MW:

55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human, rat

**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-293T cells, A431 cells, HeLa cells

IHC : human heart tissue, human testis tissue

IF/ICC : HeLa cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yongwei Nie	35244521	Pharm Biol	WB
Atsushi Enomoto	35042442	Int J Hyperthermia	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:

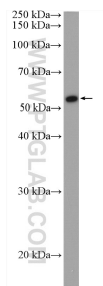
T: 4006900926

E: Proteintech-CN@ptglab.com

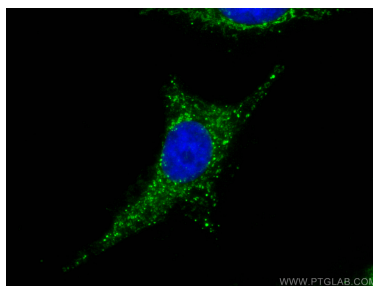
W: ptgcn.com

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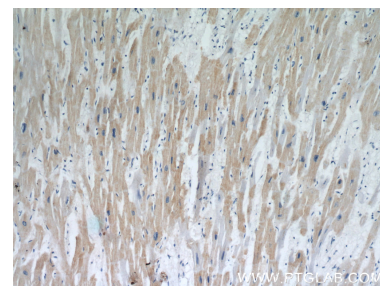
## Selected Validation Data



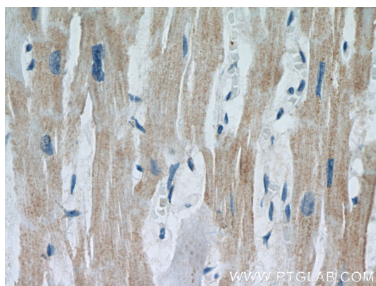
HEK-293T cells were subjected to SDS PAGE followed by western blot with 15758-1-AP (MEK5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MEK5 antibody (15758-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human heart using 15758-1-AP (MEK5 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 15758-1-AP (MEK5 antibody) at dilution of 1:50 (under 40x lens).