

DUSP22 Monoclonal antibody

Catalog Number: 68032-1-Ig

Basic Information

Catalog Number:

68032-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG9831

GenBank Accession Number:

BC022847

GeneID (NCBI):

56940

UNIPROT ID:

Q9NRW4

Full Name:

dual specificity phosphatase 22

Calculated MW:

184 aa, 21 kDa

Observed MW:

21 kDa

Purification Method:

Protein A purification

CloneNo.:

3B8F1

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human, Mouse, Rat, Rabbit

Positive Controls:

WB : rat brain tissue, rabbit brain tissue, mouse brain tissue

IF/ICC : NIH/3T3 cells,

Background Information

DUSP22(Dual specificity protein phosphatase 22) is also named as JSP1, LMWDSP2, MKPX. It has been demonstrated to belong to a new subgroup of small DSPs anchored at the membranes by an N-terminal myristic acid moiety and DUSP22 play a regulatory role in the JNK or p38 MAPK pathways(PMID:17384676). It has 2 isoforms produced by alternative splicing with the molecular weight of 21 kDa and 23 kDa.

Storage

Storage:

Store at -20°C.

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:

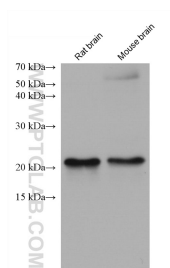
T: 4006900926

E: Proteintech-CN@ptglab.com

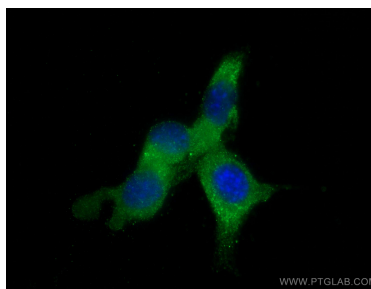
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68032-1-Ig (DUSP22 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed NIH/3T3 cells using DUSP22 antibody (68032-1-Ig, Clone: 3B8F1) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).