

For Research Use Only

DUSP22 Monoclonal antibody

Catalog Number: 68032-1-Ig



Basic Information

Catalog Number: 68032-1-Ig	GenBank Accession Number: BC022847	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 56940	CloneNo.: 3B8F1
Source: Mouse	UNIPROT ID: Q9NRW4	Recommended Dilutions: WB 1:2000-1:10000 IF 1:400-1:1600
Isotype: IgG2a	Full Name: dual specificity phosphatase 22	
Immunogen Catalog Number: AG9831	Calculated MW: 184 aa, 21 kDa	
	Observed MW: 21 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls:
Species Specificity: Human, Mouse, Rat, Rabbit	WB : rat brain tissue, rabbit brain tissue, mouse brain tissue IF : 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:

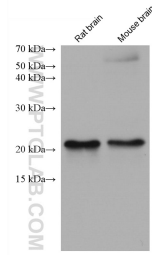
T: 4006900926

E: Proteintech-CN@ptglab.com

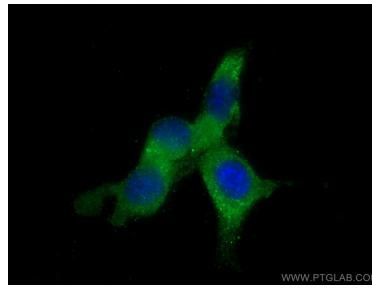
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Selected Validation Data



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).