

For Research Use Only

MSRA Recombinant antibody, PBS Only

Catalog Number: 86358-1-PBS



Basic Information

Catalog Number: 86358-1-PBS	GenBank Accession Number: BC054033	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 4482	CloneNo.: 251025H2
Source: Rabbit	UNIPROT ID: Q9UJ68	
Isotype: IgG	Full Name: methionine sulfoxide reductase A	
Immunogen Catalog Number: AG6053	Calculated MW: 26 kDa	
	Observed MW: 24-26 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, rat

Background Information

Methionine sulfoxide reductase A (MSRA) is an antioxidant enzyme found in all domains of life that catalyzes the reduction of methionine-S-sulfoxide (MSO) to methionine in proteins and free amino acids (PMID: 28874471). MSRA has some isoforms with MW of 19~26 kDa. MSRA functions in the repair of oxidatively damaged proteins to restore biological activity. Transfection of MSRA reduced colony formation and the invasiveness of HCC cell lines. Studies have demonstrated the downregulation of MSRA in multiple human tumors, including breast cancers and its levels have been linked to advanced tumor grades (PMID: 20937881).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

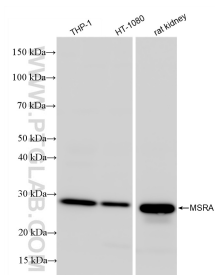
T: 4006900926

E: Proteintech-CN@ptglab.com

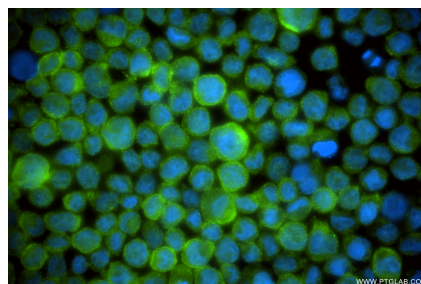
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86358-1-RR (MSRA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86358-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using MSRA antibody (86358-1-RR, Clone: 251025H2) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86358-1-PBS in a different storage buffer formulation.