

For Research Use Only

MSRA Recombinant antibody

Catalog Number: 86358-1-RR



Basic Information

Catalog Number: 86358-1-RR	GenBank Accession Number: BC054033	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4482	CloneNo.: 251025H2
Source: Rabbit	UNIPROT ID: Q9UJ68	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:50-1:500
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, ELISA	Positive Controls:
Species Specificity: human, rat	WB : THP-1 cells, HT-1080 cells, rat kidney tissue IF/ICC : THP-1 cells,

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

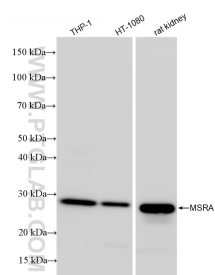
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

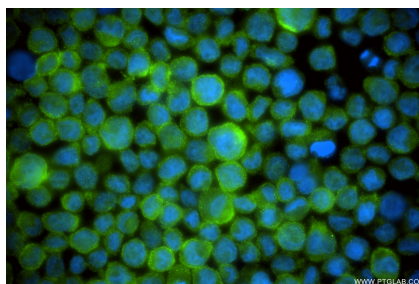
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.



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).