

For Research Use Only

# MSRA Recombinant antibody, PBS Only

Catalog Number: 86358-1-PBS



## Basic Information

<b>Catalog Number:</b> 86358-1-PBS	<b>GenBank Accession Number:</b> BC054033	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4482	<b>CloneNo.:</b> 251025H2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UJ68	
<b>Isotype:</b> IgG	<b>Full Name:</b> methionine sulfoxide reductase A	
<b>Immunogen Catalog Number:</b> AG6053	<b>Calculated MW:</b> 26 kDa	
	<b>Observed MW:</b> 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

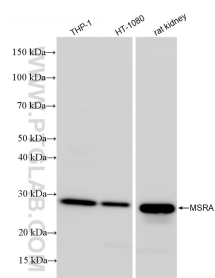
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

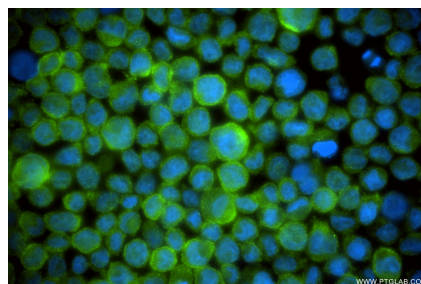
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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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. 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.