

For Research Use Only

# OS9 Recombinant antibody

Catalog Number: 82932-2-RR



## Basic Information

|   |   |   |
|---|---|---|
| <b>Catalog Number:</b><br>82932-2-RR                          | <b>GenBank Accession Number:</b><br>BC000532  | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ul , Concentration: 300 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>10956  | <b>CloneNo.:</b><br>230149C6                          |
| <b>Source:</b><br>Rabbit                                      | <b>Full Name:</b><br>osteosarcoma amplified 9, endoplasmic reticulum associated protein | <b>Recommended Dilutions:</b><br>IF 1:50-1:500        |
| <b>Isotype:</b><br>IgG  | <b>Calculated MW:</b><br>76 kDa   |   |
| <b>Immunogen Catalog Number:</b><br>AG0106                    |   |   |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>IF, ELISA | <b>Positive Controls:</b><br>IF : HeLa cells, |
| <b>Species Specificity:</b><br>Human     |   |

## Background Information

OS-9 is a ubiquitously expressed endoplasmic reticulum (ER)-associated protein originally identified as being amplified in certain osteosarcomas. It functions in ER quality control and ER-associated degradation (ERAD). There are three isoforms of this protein: OS-9.1, OS-9.2 and OS-9.3. The longest isoform, OS-9.1, contains 667 aa, OS-9.2 lacks aa 535-589, whereas OS-9.3 lacks aa 456-470 and 535-589. OS-9.1 and OS-9.2 are N-glycosylated, ubiquitously expressed in human tissues, and amplified in tumors.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

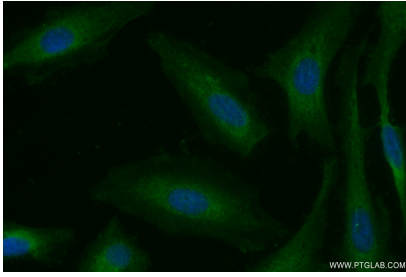
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using OS9 antibody (82932-2-RR, Clone: 230149C6 ) at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).