

For Research Use Only

# SLC9A9 Monoclonal antibody

Catalog Number: 66577-1-Ig **1 Publications**



## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>66577-1-Ig       | <b>GenBank Accession Number:</b><br>BC035779   | <b>Purification Method:</b><br>Protein A purification   |
| <b>Size:</b><br>2500 µg/ml                 | <b>GeneID (NCBI):</b><br>285195  | <b>CloneNo.:</b><br>1B8D9   |
| <b>Source:</b><br>Mouse                    | <b>UNIPROT ID:</b><br>Q8IVB4   | <b>Recommended Dilutions:</b><br>WB 1:2000-1:10000<br>IHC 1:250-1:1000<br>IF/ICC 1:400-1:1600 |
| <b>Isotype:</b><br>IgG2a                   | <b>Full Name:</b><br>solute carrier family 9<br>(sodium/hydrogen exchanger),<br>member 9 |   |
| <b>Immunogen Catalog Number:</b><br>AG4660 | <b>Calculated MW:</b><br>645 aa, 73 kDa  |   |
|  | <b>Observed MW:</b><br>73 kDa  |   |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>WB, IHC, IF/ICC, ELISA  | <b>Positive Controls:</b>   |
| <b>Cited Applications:</b><br>WB, IHC  | <b>WB :</b> HeLa cells, HEK-293 cells, MCF-7 cells, HepG2 cells, HSC-T6 cells, NIH/3T3 cells, RAW 264.7 cells |
| <b>Species Specificity:</b><br>Human, Mouse, Rat   | <b>IHC :</b> human kidney tissue, human tonsillitis tissue, human liver cancer tissue                         |
| <b>Cited Species:</b><br>human   | <b>IF/ICC :</b> HepG2 cells,  |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |   |

## Background Information

### Notable Publications

| Author     | Pubmed ID | Journal           | Application |
|------------|-----------|-------------------|-------------|
| Deng Guang | 38824966  | Biochem Pharmacol | WB, IHC     |

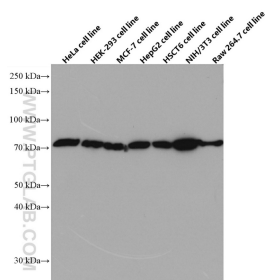
## Storage

**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

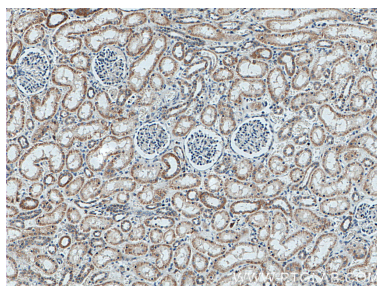
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

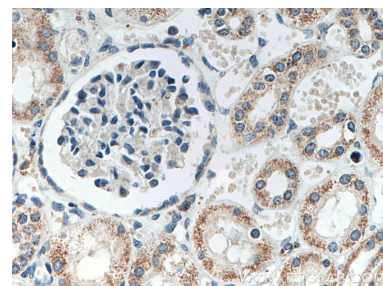
## Selected Validation Data



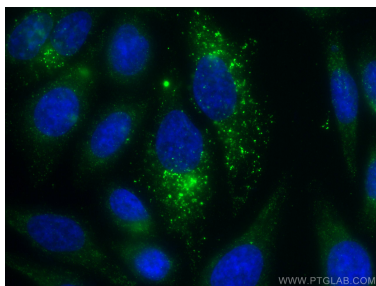
Various lysates were subjected to SDS PAGE followed by western blot with 66577-1-Ig (SLC9A9 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66577-1-Ig (SLC9A9 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66577-1-Ig (SLC9A9 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using SLC9A9 antibody (66577-1-Ig, Clone: 1B8D9) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).