

**Product Name: SLC7A3 Mouse Monoclonal Antibody**  
**Catalog #: AMM82901**



## Summary

<b>Production Name</b>	SLC7A3 Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,FC,ELISA
<b>Reactivity</b>	Human, Mouse, Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	SLC7A3
<b>Alternative Names</b>	CAT3; ATRC3; CAT-3
<b>Gene ID</b>	84889.0
<b>SwissProt ID</b>	Q8WY07 .Purified recombinant fragment of human SLC7A3 (AA: extra mix) expressed in E. Coli.

## Application

<b>Dilution Ratio</b>	WB:1:500-1:2000,IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
<b>Molecular Weight</b>	67.1kDa

## Background

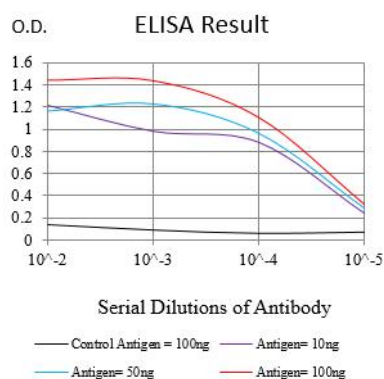
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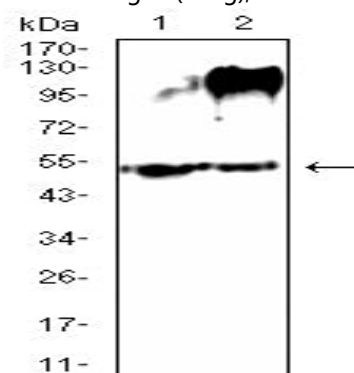
This gene encodes a member of the solute carrier family 7. The encoded protein is a sodium-independent cationic amino acid transporter. Alternate splicing results in multiple transcripts that encoded the same protein.

## Research Area

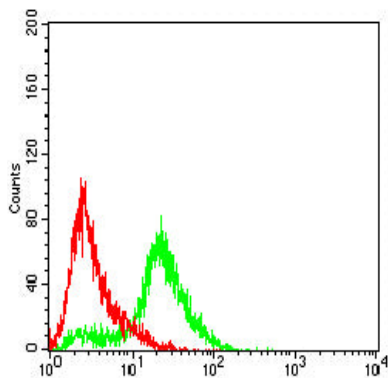
## Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



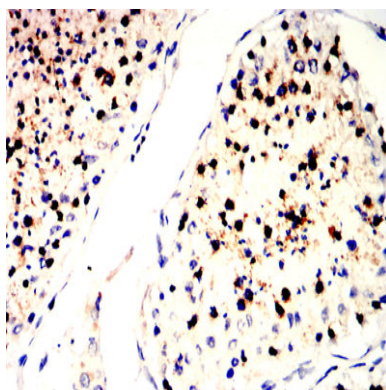
Western blot analysis using SLC7A3 mouse mAb against Mouse Lung (1) and Rat Lung (2) tissue lysate.



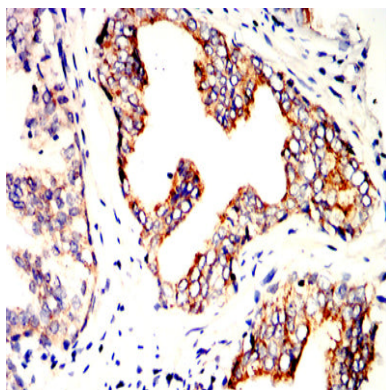
Flow cytometric analysis of HeLa cells using SLC7A3 mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human testis tissues using SLC7A3 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissues using SLC7A3 mouse mAb with DAB staining.

## **Note**

For research use only.