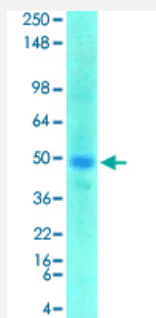


# Slc38a1 monoclonal antibody, clone S104-32 (APC)

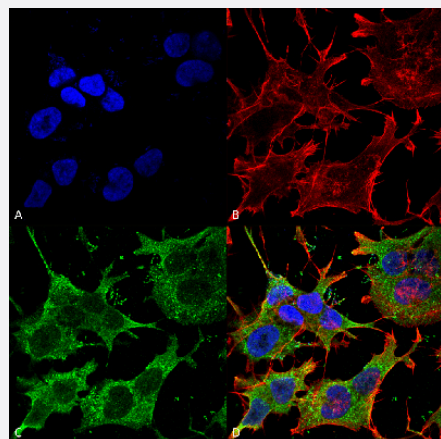
Catalog # MAB17001      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western Blot analysis of rat brain membrane lysate with Slc38a1 monoclonal antibody, clone S104-32 (APC) (Cat # MAB17001).



### Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Slc38a1 monoclonal antibody, clone S104-32 (APC) (Cat # MAB17001). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Slc38a1 Antibody and (D) Composite.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against partial recombinant rat Slc38a1.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 1-63 of rat Slc38a1.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Rat
<b>Form</b>	Liquid

Conjugation	APC
Purification	Protein G purification
Isotype	IgG1
Recommend Usage	Immunocytochemistry Immunofluorescence Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide).
Storage Instruction	Store at -20°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

Western Blot analysis of rat brain membrane lysate with Slc38a1 monoclonal antibody, clone S104-32 (APC) (Cat # MAB17001).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Slc38a1 monoclonal antibody, clone S104-32 (APC) (Cat # MAB17001). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Slc38a1 Antibody and (D) Composite.

- Immunofluorescence

## Gene Info — Slc38a1

Entrez GeneID	<a href="#">170567</a>
Protein Accession#	<a href="#">Q9JM15</a>
Gene Name	Slc38a1
Gene Alias	Ata1, GlnT, Sat1
Gene Description	solute carrier family 38, member 1

**Gene Ontology**[Hyperlink](#)**Gene Summary**

O

**Other Designations**

amino acid transporter system A1

## Publication Reference

- [SNAT4 isoform of system A amino acid transporter is expressed in human placenta.](#)

Desforges M, Lacey HA, Glazier JD, Greenwood SL, Mynett KJ, Speake PF, Sibley CP.

American Journal of Physiology. Cell Physiology 2006 Jan; 290(1):C305.