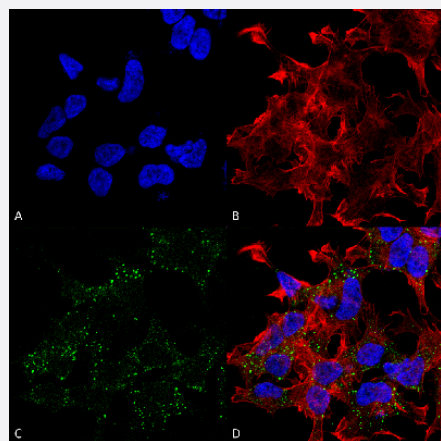


Slc17a8 monoclonal antibody, clone S34-34 (Biotin)

Catalog # MAB16793 Size 100 ug

Applications



Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Slc17a8 monoclonal antibody, clone S34-34 (Biotin) (Cat # MAB16793). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Slc17a8 Antibody and (D) Composite.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant rat Slc17a8.
Immunogen	Recombinant protein corresponding to amino acids 546-588 at C-terminus of rat Slc17a8.
Host	Mouse
Reactivity	Human, Rat
Form	Liquid
Conjugation	Biotin
Purification	Protein G purification
Isotype	IgG1

Recommend Usage	Immunocytochemistry (1:100) Immunofluorescence (1:100) 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
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Slc17a8 monoclonal antibody, clone S34-34 (Biotin) (Cat # MAB16793). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Slc17a8 Antibody and (D) Composite.

- Immunofluorescence

Gene Info — Slc17a8

Entrez GeneID	266767
Protein Accession#	Q7TSF2
Gene Name	Slc17a8
Gene Alias	Vglut3
Gene Description	solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 8
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	vesicular glutamate transporter 3

Publication Reference

- [VGLUT3 \(vesicular glutamate transporter type 3\) contribution to the regulation of serotonergic transmission and anxiety.](#)

Amilhon B, Lepicard E, Renoir T, Mongeau R, Popa D, Poirel O, Miot S, Gras C, Gardier AM, Gallego J, Hamon M, Lanfumey L, Gasnier B, Giros B, El Mestikawy S.

Journal of Neuroscience 2010 Feb; 30(6):2198.