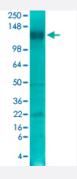


Slc12a5 monoclonal antibody, clone S1-12 (Biotin)

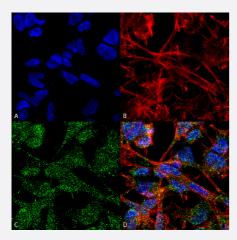
Catalog # MAB16790 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western Blot analysis of rat brain membrane lysate with Slc12a5 monoclonal antibody, clone S1-12 (Biotin) (Cat # MAB16790).



Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Slc12a5 monoclonal antibody, clone S1-12 (Biotin) (Cat # MAB16790). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Slc12a5 Antibody and (D) Composite.

Specification		
Product Description	Mouse monoclonal antibody raised against partial recombinant rat Slc12a5.	
Immunogen	Recombinant protein corresponding to amino acids 932-1043 of rat Slc12a5.	
Host	Mouse	
Reactivity	Human, Rat	
Form	Liquid	



Product Information

Conjugation	Biotin		
Purification	Protein G purification		
Isotype	lgG2a		
Recommend Usage	Immunocytochemistry (1:100)		
	Immunofluorescence (1:100)		
	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:300)		
	Immunoprecipitation		
	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 shoul		
	d be handled by trained staff only.		

Applications

Western Blot (Tissue lysate)

Western Blot analysis of rat brain membrane lysate with Slc12a5 monoclonal antibody, clone S1-12 (Biotin) (Cat # MAB16790).

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

Immunocytochemical staining of SK-N-BE with Slc12a5 monoclonal antibody, clone S1-12 (Biotin) (Cat # MAB16790). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Slc12a5 Antibody and (D) Composite.

- Immunofluorescence
- Immunoprecipitation

G	en	e In	ıfo –	– Slc12a5
		_		

Entrez GeneID	<u>171373</u>
Protein Accession#	Q63633
Gene Name	Slc12a5
Gene Alias	Kcc2



Product Information

Gene Description	solute carrier family 12 (potassium-chloride transporter), member 5	
Gene Ontology	<u>Hyperlink</u>	
Gene Summary	0	
Other Designations	neuronal-specific K-Cl cotransporter solute carrier family 12, member 5	

Publication Reference

• Clustering of neuronal K+-Cl- cotransporters in lipid rafts by tyrosine phosphorylation.

Watanabe M, Wake H, Moorhouse AJ, Nabekura J.

The Journal of Biological Chemistry 2009 Oct; 284(41):27980.