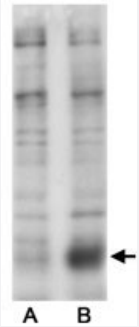
Slc9a3 (phospho S605) monoclonal antibody, clone 10A8

Catalog # MAB2293 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of Phospho-Slc9a3 S605 in transfected COS-7 cells (Lane A. untreated, Lane B. forskolin and IBMX treated) with Slc9a3 (phospho S605) monoclonal antibody, clone 10A8 (Cat # MAB2293).

Specification

Product Description	Mouse monoclonal antibody raised against synthetic phosphopeptide of Slc9a3.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S605 of rat Slc9a3.
Host	Mouse
Reactivity	Mouse, Opossum, Rabbit, Rat
Form	Liquid
Isotype	IgG2b
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Immunofluorescence (1:20) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris-glycine, 150 mM NaCl (0.05% sodium azide)
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

  Western blot analysis of Phospho-Slc9a3 S605 in transfected COS-7 cells (Lane A. untreated, Lane B. forskolin and IBMX treated) with Slc9a3 (phospho S605) monoclonal antibody, clone 10A8 (Cat # MAB2293).

- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation

Gene Info — Slc9a3

Entrez GeneID	24784
Gene Name	Slc9a3
Gene Alias	Nhe3
Gene Description	solute carrier family 9 (sodium/hydrogen exchanger), member 3
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	Solute carrier family 9 (sodium/hydrogen exchanger 3), antiporter 3, Na+/H+ (amiloride insensitiv e)|plasma membrane ion transport protein|solute carrier family 9, member 3

Publication Reference

- Use of phospho-specific antibodies to determine the phosphorylation of endogenous Na+/H+ exchanger NHE3 at PKA consensus sites.

  Kocinsky HS, Girardi AC, Biemesderfer D, Nguyen T, Mentone S, Orlowski J, Aronson PS.

  American Journal of Physiology. Renal Physiology 2005 Aug; 289(2):F249.

  Application: ELISA, WB-Tr, Monkey, Rat, COS-7, NHE3, OKP cells