

Name: Mouse Monoclonal Antibody against NHE8 (7A11)**Catalog:** TA301650**Product Data Sheet**

Gene Name: Homo sapiens solute carrier family 9, subfamily A (NHE8, cation proton antiporter 8), member 8 (SLC9A8), transcript variant 2

Clone Name: 7A11

GeneBank accession: NM_015266

Isotype: IgG

Gene Synonym: NHE-8; NHE8

Reactivity: human

Immunogen: A fusion protein containing the C-terminal 89 residues of human NHE8.

Components:

- 100ul Mouse Monoclonal Antibody against NHE8 (7A11) (TA301650)
- 1 vial of 20µg myc-DDK tagged SLC9A8 HEK293T over-expression lysate lyophilized in RIPA buffer (LY414657) (Reconstitute into 20 µl of 1x SDS sample buffer before loading)

Concentration: 1.2 mg/ml

Recommended application dilutions:

WB: 2 ug/ml

Storage Condition:

Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

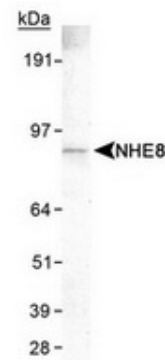
Buffer:

Tris-glycine, 150mM NaCl and 0.05% sodium azide

Purification: protein G purified

Background:

Sodium-Hydrogen ion Exchangers (NHEs) are a growing family of transmembrane proteins. NHE8 is expressed in the kidney, where it may contribute to apical membrane ion transport physiology. It is highly expressed in the proximal tubules in the outer stripe of the outer medulla with significant but lower expression in the proximal tubules in the cortex.

Validation Data:**Western Blot**

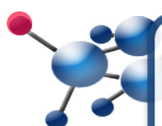
Detection of NHE8 (7A11) in HeLa whole cell lysate

Related Product:

TrueORF cDNA clones
VERIFY Tagged Antigen lysates
HuSH-29 shRNA
Western Blot reagents
Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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