



SLC4A4 Mouse mAb

Catalog No	YP-mAb-19557
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	SLC4A4 NBC NBC1 NBCE1
Immunogen	Synthesized peptide derived from human SLC4A4. AA range:24-124
Specificity	This antibody detects endogenous levels of SLC4A4 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	SLC4A4 NBC NBC1 NBCE1;Electrogenic sodium bicarbonate cotransporter 1 (Sodium bicarbonate cotransporter) (Na (+) /HCO3 (-) cotransporter) (Solute carrier family 4 member 4) (kNBC1)
Observed Band	
Calculated Molecular Weight	119kD
Cell Pathway	Basolateral cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Isoform 1 is expressed in pancreas and to a lower extent in heart , skeletal muscle , liver , parotid salivary glands , prostate , colon , stomach , thyroid , brain and spinal chord. Corneal endothelium cells express only isoform 1 (at protein level) . Isoform 2 is specifically expressed in kidney at the level of proximal tubules.
Function	Electrogenic sodium/bicarbonate cotransporter with a Na (+) :HCO3 (-) stoichiometry varying from 1:2 to 1:3. May regulate bicarbonate influx/efflux at the basolateral membrane of cells and regulate intracellular pH. ; [Isoform 2]: May have a higher activity than isoform 1.
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images