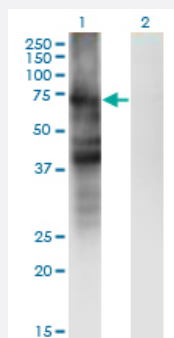


SLC4A4 monoclonal antibody (M01), clone 1G2

Catalog # H00008671-M01

Size 100 ug

Applications

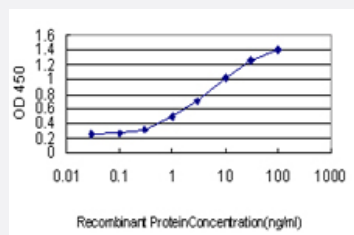


Western Blot (Transfected lysate)

Western Blot analysis of SLC4A4 expression in transfected 293T cell line by SLC4A4 monoclonal antibody (M01), clone 1G2.

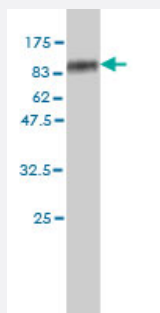
Lane 1: SLC4A4 transfected lysate (Predicted MW: 72 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SLC4A4 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (96.8 KDa).

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant SLC4A4.

Immunogen	SLC4A4 (AAH30977, 1 a.a. ~ 646 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSTENVEGKPSNLGERGRARSSTFLRVVQPMFNHSIFTSVSPAAERIRFILGEEDDSPAPPQLF TELDELLAVDQGEMEWKETARWIKFEEKVEQGGERWSKPHVATLSLHSLFELRTCMEKGSIMLD REASSLPQLVEMVDHQIETGLLKPELKDKVITYTLRKHRHQTKKSNLRSLADIGKTVSSASRMFTN PDNGSPAMTHRNLTSSSLNDISKPEKDQLKNKFMKKLPRDAEASNVLVGEVDFLDTPFIQFVRL QQAVMLGALTEVPVPTRFLLGPKGKAKEYHEIGRAIATLMSDEVFHDIAKAKDRHDLIAGIDEF LDEVIVLPPGEWDPAIRIEPPKSLPSSDKRKNMYSGGENVQMNGDTPHDGGHGGGGHGDCEEL QRTGRFCGGLIKDIKRKAPFFASDFYDALNIQALSAILFYLATVTNAITFGGLLGDATDNMQGVLESF LGTAVSGAIFCLFAGQPLTILSSTGPVLVFERLLFNFSKDNNDYLFRLWIGLWSAFLCLILVATDA SFLVQYFTRFTEEGFSSLSIFIFMDAFKKMIKLADYYPINSNFKVGYNTLFSCTCVPPDPGEGITLCV YARFVFGGRCLHACKFSTCCHGPQELVLFSLKNSATEFDVSLPEVF
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (96.8 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of SLC4A4 expression in transfected 293T cell line by SLC4A4 monoclonal antibody (M01), clone 1G2.

Lane 1: SLC4A4 transfected lysate (Predicted MW: 72 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SLC4A4 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SLC4A4

Entrez GeneID	8671
GeneBank Accession#	BC030977
Protein Accession#	AAH30977
Gene Name	SLC4A4
Gene Alias	DKFZp781H1314, HNBC1, KNBC, NBC1, NBC2, SLC4A5, hhNMC, pNBC
Gene Description	solute carrier family 4, sodium bicarbonate cotransporter, member 4
Omim ID	603345 604278
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a sodium bicarbonate cotransporter (NBC) involved in the regulation of bicarbonate secretion and absorption and intracellular pH. Mutations in this gene are associated with proximal renal tubular acidosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	sodium bicarbonate cotransporter 1 (sodium bicarbonate cotransporter, kidney; sodium bicarbonate cotransporter, pancreas)solute carrier family 4, sodium bicarbonate cotransporter, member 5

Disease

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