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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SLC9A1 monoclonal antibody (M01), clone 2F5

Catalog # : H00006548-M01

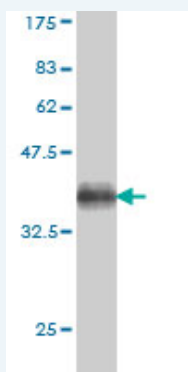
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant SLC9A1.
Immunogen:	SLC9A1 (AAH12121, 31 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	VLRSHGLQLSPTASTIRSSEPPRERSIGDVTAPPEVTPESRPVNHSTVDHGMKPRKAFPVLGIDYTHVRTPFELSLWILLACLMKIGFHVPTISSIVP
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.41 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

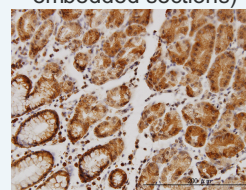
[Protocol Download](#)

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

Application Image

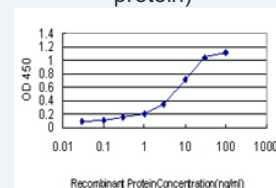
Western Blot (Recombinant protein)

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



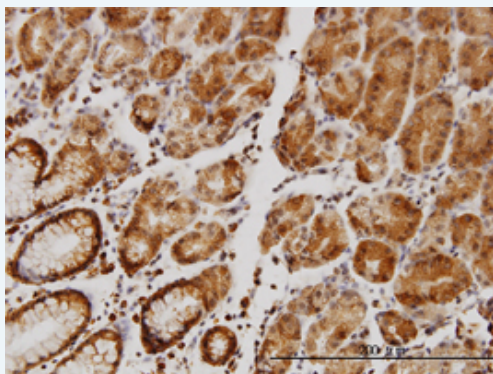
[enlarge](#)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA

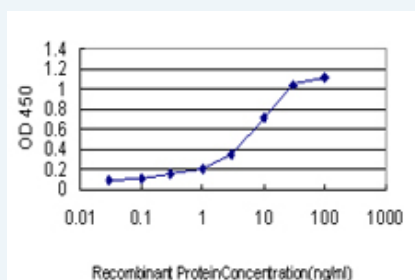


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to SLC9A1 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged SLC9A1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [6548](#)

GeneBank [BC012121](#)
Accession#:

Protein [AAH12121](#)
Accession#:

Gene Name: SLC9A1

Gene Alias: APNH,FLJ42224,NHE1

Gene Description: solute carrier family 9 (sodium/hydrogen exchanger), member 1

Omim ID: [107310](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The Na⁺/H⁺ antiporter (SLC9A1) is a ubiquitous membrane-bound enzyme involved in pH regulation of vertebrate cells. It is specifically inhibited by the diuretic drug amiloride and activated by a variety of signals including growth factors, mitogens, neurotransmitters, tumor promoters, and others (Mattei et al., 1988 [PubMed 2846238]).[supplied by OMIM]

Other Designations: Na⁺/H⁺ antiporter, amiloride-sensitive, Na-Li countertransporter, OTTHUMP00000004468, sodium/hydrogen exchanger 1, solute carrier family 9 (sodium/hydrogen exchanger), isoform 1 (antiporter, Na⁺/H⁺, amiloride sensitive), solute carrier family 9 (sodium/hydroge

Gene Pathway

[Cardiac muscle contraction](#) [Regulation of actin cytoskeleton](#)

Related Disease

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