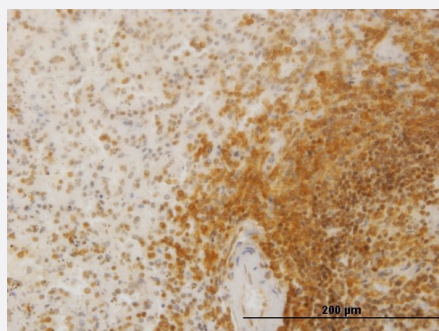


SLC26A3 monoclonal antibody (M01), clone 2E3

Catalog # H00001811-M01

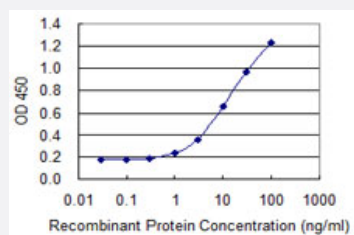
Size 100 ug

Applications



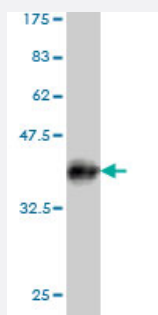
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to SLC26A3 on formalin-fixed paraffin-embedded human spleen. [antibody concentration 1.8 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SLC26A3 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SLC26A3.

Immunogen	SLC26A3 (NP_000102, 503 a.a. ~ 600 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TQFPKCSTLANIGRTNMYKNKKDYDDMYEPEGVKIFRCPSPIYFANIGFFRRKLIDAVGFSPRLRLRKR NKALRKIRKLQKQGLLQVTPKGFICTVDT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (89)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 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 (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to SLC26A3 on formalin-fixed paraffin-embedded human spleen. [antibody concentration 1.8 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SLC26A3 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SLC26A3

Entrez GeneID

[1811](#)

GeneBank Accession#	NM_000111
Protein Accession#	NP_000102
Gene Name	SLC26A3
Gene Alias	CLD, DRA
Gene Description	solute carrier family 26, member 3
Omim ID	126650
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a transmembrane glycoprotein that transports chloride ions across the cell membrane in exchange for bicarbonate ions. It is localized to the mucosa of the lower intestinal tract, particularly to the apical membrane of columnar epithelium and some goblet cells. The protein is essential for intestinal chloride absorption, and mutations in this gene have been associated with congenital chloride diarrhea. [provided by RefSeq]
Other Designations	down-regulated in adenoma protein

Publication Reference

- [ION TRANSPORT MECHANISMS LINKED TO BICARBONATE SECRETION IN THE ESOPHAGEAL SUBMUCOSAL GLANDS.](#)

Abdulnour-Nakhoul S, Nakhoul HN, Kalliny MI, Gyftopoulos A, Rabon E, Doetjes R, Brown K, Nakhoul NL.

American Journal of Physiology. Regulatory, Integrative and Comparative 2011 Jul; 301(1):R83.

Application: IHC-Fr, IF, Pig, Pig esophageal submucosal glands

Disease

- [Colitis](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)