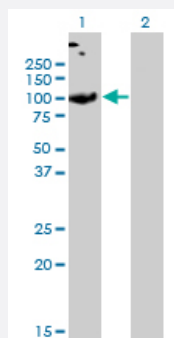


SLC26A2 monoclonal antibody (M04), clone 3F6

Catalog # H00001836-M04

Size 100 ug

Applications

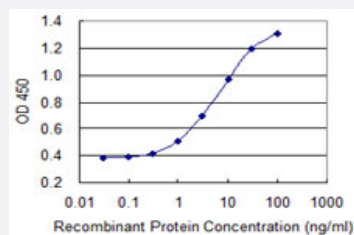


Western Blot (Transfected lysate)

Western Blot analysis of SLC26A2 expression in transfected 293T cell line by SLC26A2 monoclonal antibody (M04), clone 3F6.

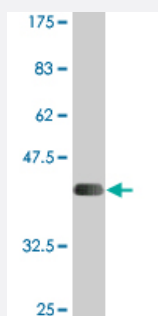
Lane 1: SLC26A2 transfected lysate(81.6 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SLC26A2 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.62 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SLC26A2.

Immunogen	SLC26A2 (NP_000103.1, 1 a.a. ~ 108 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSSESKEQHNVSPRDSAEGNDSYPSGIHLELQRESSTDFKQFETNDQCRPYHRILIERQEKSDTN FKEFVIKKLQKNCQCSPAKAKNMILGFLPVLQWLPKYDLKKN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (56); Rat (56)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.62 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 SLC26A2 expression in transfected 293T cell line by SLC26A2 monoclonal antibody (M04), clone 3F6.

Lane 1: SLC26A2 transfected lysate(81.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SLC26A2 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SLC26A2

Entrez GeneID	1836
GeneBank Accession#	NM_000112
Protein Accession#	NP_000103.1
Gene Name	SLC26A2
Gene Alias	D5S1708, DTD, DTDST, EDM4, MST153, MSTP157
Gene Description	solute carrier family 26 (sulfate transporter), member 2
Omim ID	222600 226900 256050 600972 606718
Gene Ontology	Hyperlink
Gene Summary	The diastrophic dysplasia sulfate transporter is a transmembrane glycoprotein implicated in the pathogenesis of several human chondrodysplasias. It apparently is critical in cartilage for sulfation of proteoglycans and matrix organization. [provided by RefSeq]
Other Designations	diastrophic dysplasia sulfate transporter solute carrier family 26 member 2 sulfate anion transporter 1

Publication Reference

- [Epigenetic Silencing of the Sulfate Transporter Gene DTDST Induces Sialyl Lewisx Expression and Accelerates Proliferation of Colon Cancer Cells.](#)

Yusa A, Miyazaki K, Kimura N, Izawa M, Kannagi R.

Cancer Research 2010 May; 70(10):4064.

Application: IHC-Fr, Human, Human colon cancer

Disease

- [Arthritis](#)
- [Bone Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diastrophic dysplasia](#)

- [Genetic Predisposition to Disease](#)
- [Osteoarthritis](#)
- [Osteochondrodysplasias](#)
- [Osteoporosis](#)
- [Scoliosis](#)