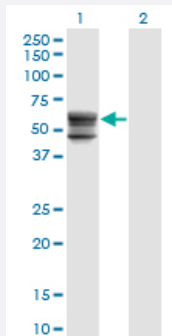


CHST12 monoclonal antibody (M01), clone 3D6

Catalog # H00055501-M01

Size 100 ug

Applications

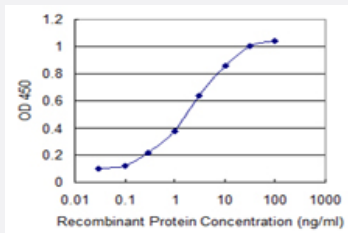


Western Blot (Transfected lysate)

Western Blot analysis of CHST12 expression in transfected 293T cell line by CHST12 monoclonal antibody (M01), clone 3D6.

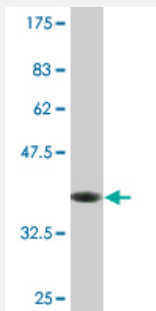
Lane 1: CHST12 transfected lysate (Predicted MW: 48.4 kDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHST12 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.19 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CHST12.

Immunogen	CHST12 (NP_061111.1, 56 a.a. ~ 150 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RDRELTADSDVDEF LDKFLSAGVKQSDLPRKETEQPPAPGSMEESVRGYDWSPRDARRSPDQGRQQAERRSVLRGFCANSSLAFTP KERAFFDDIP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (65); Rat (64)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.19 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 CHST12 expression in transfected 293T cell line by CHST12 monoclonal antibody (M01), clone 3D6.

Lane 1: CHST12 transfected lysate (Predicted MW: 48.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHST12 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CHST12

Entrez GeneID	55501
GeneBank Accession#	NM_018641
Protein Accession#	NP_061111.1
Gene Name	CHST12
Gene Alias	C4S-2, C4ST-2, C4ST2
Gene Description	carbohydrate (chondroitin 4) sulfotransferase 12
Omim ID	610129
Gene Ontology	Hyperlink
Gene Summary	Chondroitin 4-sulfotransferases, such as CHST12, add sulfate to position 4 of N-acetylgalactosamine residues in chondroitin (Hiraoka et al., 2000 [PubMed 10781601]).[supplied by OMIM]
Other Designations	OTTHUMP00000025467 chondroitin 4-O-sulfotransferase 2

Pathway

- [Chondroitin sulfate biosynthesis](#)
- [Sulfur metabolism](#)