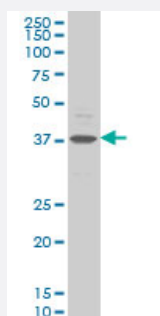


CHST11 monoclonal antibody (M01), clone 4F1

Catalog # H00050515-M01

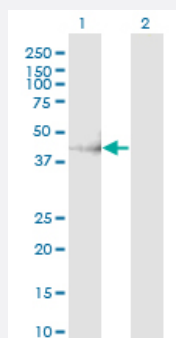
Size 100 ug

Applications



Western Blot (Cell lysate)

CHST11 monoclonal antibody (M01), clone 4F1 Western Blot analysis of CHST11 expression in K-562 (Cat # L009V1).

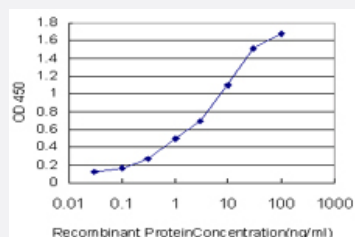


Western Blot (Transfected lysate)

Western Blot analysis of CHST11 expression in transfected 293T cell line by CHST11 monoclonal antibody (M01), clone 4F1.

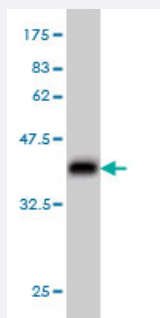
Lane 1: CHST11 transfected lysate (Predicted MW: 41.6 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHST11 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.62 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CHST11.
Immunogen	CHST11 (NP_060883, 230 a.a. ~ 337 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RKGDDVKFEEFVAYLIDPHTQREEPFNEHWQTVYSLCHPCHIHVDLVGKYETLEEDSNYVLQLAG VGSYLKFPTYAKSTRITDEMTEFFQNISSEHQTQLYEYVKLD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Isotype	IgG1 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 (Cell lysate)

CHST11 monoclonal antibody (M01), clone 4F1 Western Blot analysis of CHST11 expression in K-562 (Cat # L009V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CHST11 expression in transfected 293T cell line by CHST11 monoclonal antibody (M01), clone 4F1.

Lane 1: CHST11 transfected lysate (Predicted MW: 41.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CHST11 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CHST11

Entrez GeneID	50515
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GeneBank Accession#	NM_018413
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Protein Accession#	NP_060883
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Gene Name	CHST11
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Gene Alias	C4ST, C4ST-1, C4ST1, HSA269537
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Gene Description	carbohydrate (chondroitin 4) sulfotransferase 11
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Omim ID	610128
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Gene Ontology	Hyperlink
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Gene Summary	Chondroitin 4-sulfotransferases, such as CHST11, catalyze the transfer of sulfate from 3-prime-phosphoadenosine 5-prime-phosphosulfate to position 4 of N-acetylgalactosamine residues in chondroitin (Yamauchi et al., 2000 [PubMed 10722746]).[supplied by OMIM]
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Other Designations	chondroitin 4-sulfotransferase
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Pathway

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

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Neoplasm Invasiveness](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)