



[Go to Product page](#)

Datasheet for ABIN525261

anti-CHST5 antibody (AA 310-390)

2 Images

1 Publication

Overview

Quantity:	100 µg
Target:	CHST5
Binding Specificity:	AA 310-390
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CHST5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CHST5.
Immunogen:	CHST5 (NP_036258.1, 310 a.a. ~ 390 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	GSGIGKPIEA FHTSSRNARN VSQAWRHALP FTKILRVQEV CAGALQLLGY RPYVSADQQR DLTLDLVLPR GPDHFSWASP D
Clone:	2E6
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	CHST5
Alternative Name:	CHST5 (CHST5 Products)
Background:	Full Gene Name: carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 5 Synonyms: FLJ22167,I-GlcNAc-6-ST,MGC74625
Gene ID:	23563
NCBI Accession:	NM_012126
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

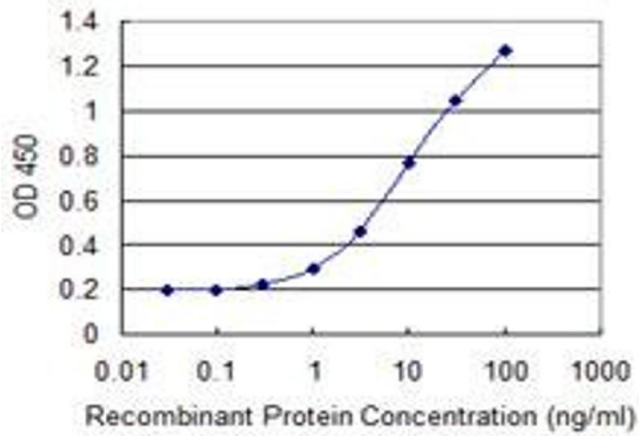
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

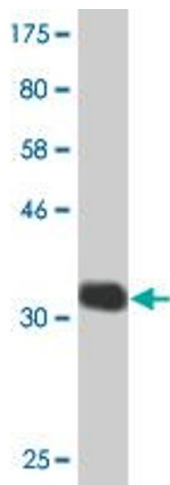
Publications

Product cited in:	Bhatia, Prabhu, Benefiel, Miller, Chow, Davis, Gaskins: "Galacto-oligosaccharides may directly enhance intestinal barrier function through the modulation of goblet cells." in: Molecular nutrition & food research , Vol. 59, Issue 3, pp. 566-73, (2015) (PubMed).
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ELISA

Image 1. Detection limit for recombinant GST tagged CHST5 is 0.1 ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (34.65 kDa) .