Datasheet for ABIN514388

anti-Chitotriosidase 1 antibody (AA 60-169)

2 Images

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Overview

Quantity:	100 µg
Target:	Chitotriosidase 1 (CHIT1)
Binding Specificity:	AA 60-169
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Chitotriosidase 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CHIT1.
Immunogen:	CHIT1 (NP_003456.1, 60 a.a. ~ 169 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	GMTNHQLSTT EWNDETLYQE FNGLKKMNPK LKTLLAIGGW NFGTQKFTDM VATANNRQTF VNSAIRFLRK YSFDGLDLDW EYPGSQGSPA VDKERFTTLV QDLANAFQQE
Clone:	1D11
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

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Target Details

Target:	Chitotriosidase 1 (CHIT1)
Alternative Name:	CHIT1 (CHIT1 Products)
Background:	Full Gene Name: chitinase 1 (chitotriosidase) Synonyms: CHI3,CHIT,FLJ00314,MGC125322
Gene ID:	1118
NCBI Accession:	NM_003465

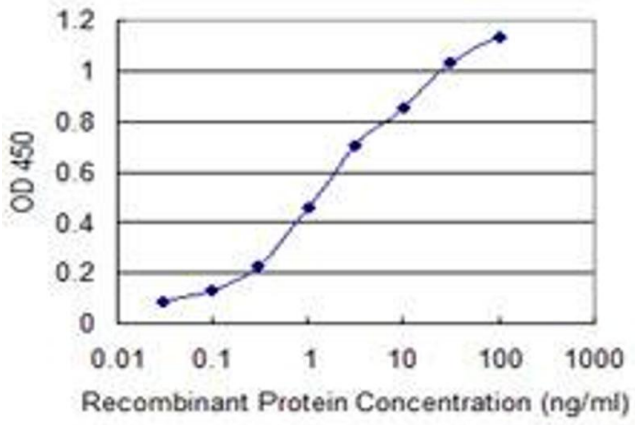
Application Details

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

Handling

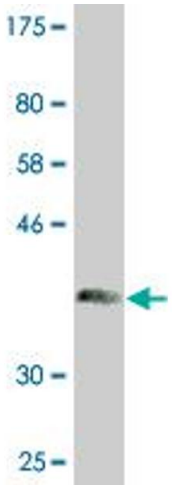
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged CHIT1 is 0.03 ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (37.84 KDa) .

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