

Datasheet for ABIN559792
anti-ADH4 antibody (AA 52-150)

4 Images

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Overview

Quantity:	100 µg
Target:	ADH4
Binding Specificity:	AA 52-150
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ADH4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant ADH4.
Immunogen:	ADH4 (NP_000661, 52 a.a. ~ 150 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SVIDSKFEGL AFPVIVGHEA AGIVESIGPG VTNVKPGDKV IPLYAPLCRK CKFCLSPLTN LCGKISNLKS PASDQQLMED KTSRFTCKGK PVYHFFGTS
Clone:	3C5
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ADH4
Alternative Name:	ADH4 (ADH4 Products)
Background:	Full Gene Name: alcohol dehydrogenase 4 (class II), pi polypeptide Synonyms: ADH-2
Gene ID:	127
NCBI Accession:	NM_000670
Pathways:	Transition Metal Ion Homeostasis

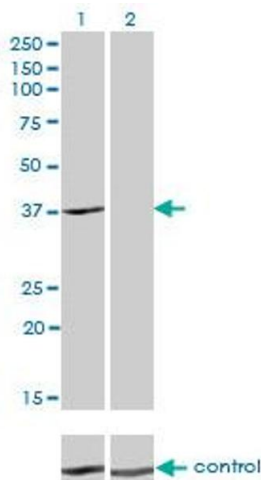
Application Details

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

Handling

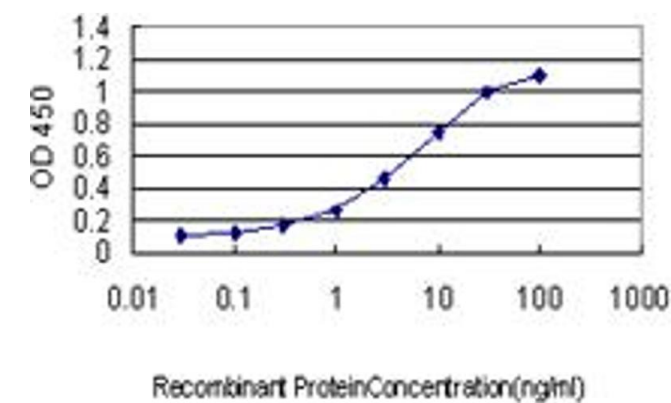
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



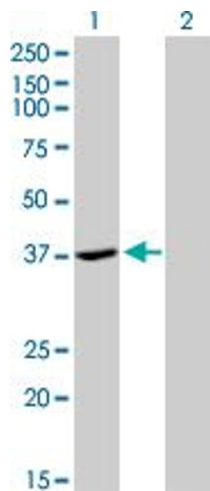
Western Blotting

Image 1. Western blot analysis of ADH4 over-expressed 293 cell line, cotransfected with ADH4 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with ADH4 monoclonal antibody (M01), clone 3C5. GAPDH (36.1 kDa) used as specificity and loading control.



ELISA

Image 2. Detection limit for recombinant GST tagged ADH4 is approximately 0.3ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot analysis of ADH4 expression in transfected 293T cell line by ADH4 monoclonal antibody (M01), clone 3C5.

Lane 1: ADH4 transfected lysate(40.2 KDa).
Lane 2: Non-transfected lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN559792.