



Datasheet for ABIN520469
anti-AKR1D1 antibody (AA 227-326)



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2 Images

Overview

Quantity:	100 µg
Target:	AKR1D1
Binding Specificity:	AA 227-326
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AKR1D1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant AKR1D1.
Immunogen:	AKR1D1 (NP_005980, 227 a.a. ~ 326 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	NPIWVNVSSP PLLKDALLNS LGKRYNKTAQ QIVLRFNIQR GVVVIPKSFN LERIKENFQI FDFS LTEEEM KDIEALNKNV RFVELLMWRD HPEYPPFHDEY
Clone:	1A6
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	AKR1D1
Alternative Name:	AKR1D1 (AKR1D1 Products)
Background:	Full Gene Name: aldo-keto reductase family 1, member D1 (delta 4-3-ketosteroid-5-beta-reductase) Synonyms: 3o5bred,SRD5B1
Gene ID:	6718
NCBI Accession:	NM_005989
Pathways:	Steroid Hormone Biosynthesis , C21-Steroid Hormone Metabolic Process , Monocarboxylic Acid Catabolic Process

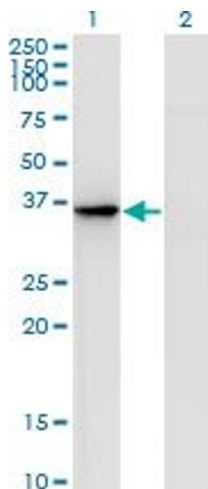
Application Details

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.

Images

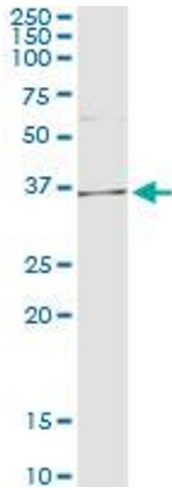


Western Blotting

Image 1. Western Blot analysis of AKR1D1 expression in transfected 293T cell line by AKR1D1 monoclonal antibody (M01), clone 1A6.

Lane 1: AKR1D1 transfected lysate(37.4 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Image 2. Immunoprecipitation of AKR1D1 transfected lysate using anti-AKR1D1 monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with AKR1D1 MaxPab rabbit polyclonal antibody.