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Datasheet for ABIN949700  
**anti-AKR1E2 antibody (AA 1-307)**

3 Images

Overview

Quantity:	100 µg
Target:	AKR1E2
Binding Specificity:	AA 1-307
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AKR1E2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant AKR1CL2.
Immunogen:	AKR1CL2 (AAH02862, 1 a.a. ~ 307 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MGDIPAVGLS SWKASPGKVT EAVKEAIDAG YRHFDCAIFY HNEREVGAGI RCKIKEGAVR REDLFIATKL WCTCHKKSLV ETACRKSLKA LKLNLYLDLYL IHWPMGFKPP HPEWIMSCSE LSFCLSHPRV QDLPLDESNM VIPSDTDFLD TWEAMEDLVI TGLVKNIGVS NFNHEQLERL LNKPGLRFKP LTNQIECHPY LTQKNLISFC QSRDVSVTAY RPLGGSCEGV DLIDNPVIKR IAKEHGKSPA QILIRFQIQR NVVIVPGSIT PSHIKENIQV FDFELTQHDM DNILSLNRNL RLAMFPM
Clone:	1C8
Isotype:	IgG2a
Cross-Reactivity:	Human

## Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

## Target Details

Target: AKR1E2

Alternative Name: AKR1CL2 ([AKR1E2 Products](#))

Background: Full Gene Name: aldo-keto reductase family 1, member C-like 2  
Synonyms: AKRDC1, LoopADR, MGC10612

Gene ID: 83592

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

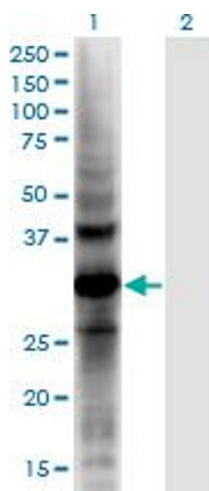
Buffer: In 1x PBS, pH 7.4

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

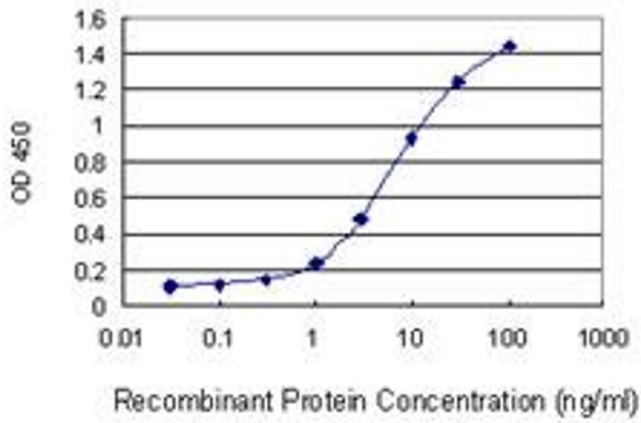


### Western Blotting

**Image 1.** Western Blot analysis of AKR1CL2 expression in transfected 293T cell line by AKR1CL2 monoclonal antibody (M02), clone 1C8.

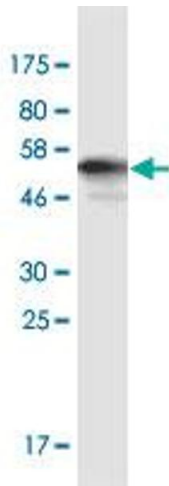
Lane 1: AKR1CL2 transfected lysate (Predicted MW: 34.9 kDa).

Lane 2: Non-transfected lysate.



### ELISA

**Image 2.** Detection limit for recombinant GST tagged AKR1CL2 is 0.3 ng/ml as a capture antibody.



### Western Blotting

**Image 3.** Western Blot detection against Immunogen (59.51 kDa).