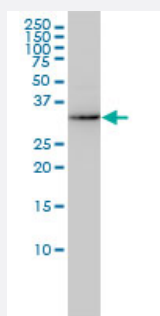


# AKR7A2 monoclonal antibody (M01), clone 2A6

Catalog # H00008574-M01

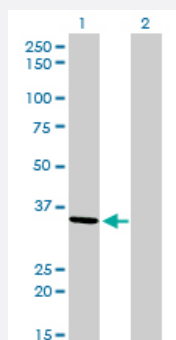
Size 100 ug

## Applications



### Western Blot (Cell lysate)

AKR7A2 monoclonal antibody (M01), clone 2A6 Western Blot analysis of AKR7A2 expression in HL-60 ( Cat # L014V1 ).

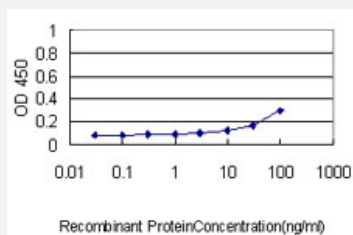


### Western Blot (Transfected lysate)

Western Blot analysis of AKR7A2 expression in transfected 293T cell line by AKR7A2 monoclonal antibody (M01), clone 2A6.

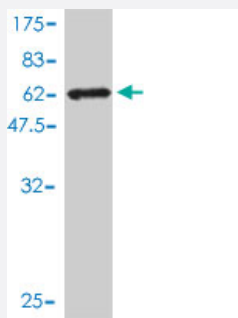
Lane 1: AKR7A2 transfected lysate(36.6 KDa).

Lane 2: Non-transfected lysate.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AKR7A2 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (61.82 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full length recombinant AKR7A2.
<b>Immunogen</b>	AKR7A2 (AAH04111.3, 1 a.a. ~ 330 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MSRPPPPRVASVLGTMEMGRRMDAPASAAVRAFLERGHTELDTAFMYSDGQSETILGGLGLGLGGGDCRVKIATKANPWDGKSLKPDSVRSQLETSLKRLQCPQVDLFYLHAPDHGTPVEETLHACQRLHQEGKFVELGLSNYASWEVAEICTLCKSNGWILPTVYQGMYNATTRQVETELFPCLRHFGLRFYAYNPLAGLLTGKYKEDKDQKQPVGRFFGNSWAETYNRFWKEHHFEAIALVEKALQAAYGASAPSVTSAALRWMYHHSQLQGAHGDAVILGMSSLEQLEQNLAATEEGPLEPAVVDAFNQAWHLVAHECPNYFR
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (89); Rat (88)
<b>Isotype</b>	IgG1 kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (61.82 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

AKR7A2 monoclonal antibody (M01), clone 2A6 Western Blot analysis of AKR7A2 expression in HL-60 ( Cat # L014V1 ).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of AKR7A2 expression in transfected 293T cell line by AKR7A2 monoclonal antibody (M01), clone 2A6.

Lane 1: AKR7A2 transfected lysate(36.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AKR7A2 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — AKR7A2

Entrez GeneID	<a href="#">8574</a>
GeneBank Accession#	<a href="#">BC004111</a>
Protein Accession#	<a href="#">AAH04111.3</a>
Gene Name	AKR7A2
Gene Alias	AFAR, AFAR1, AFB1-AR1, AKR7
Gene Description	aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase)
Omim ID	<a href="#">603418</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Aldo-keto reductases, such as AKR7A2, are involved in the detoxification of aldehydes and ketones.[supplied by OMIM]
Other Designations	aflatoxin beta1 aldehyde reductase aldo-keto reductase family 7, member A2 aldoketoreductase 7