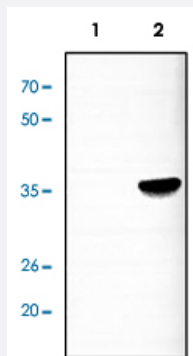


# AKR7A3 monoclonal antibody, clone AT2E11

Catalog # MAB11112      Size 100 uL

## Applications



### Western Blot (Transfected lysate)

The cell lysates (5 ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with AKR7A3 monoclonal antibody, clone AT2E11 (Cat # MAB11112) (1:3000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1: 293T cell lysate Lane 2: AKR7A3 Transfected 293T cell lysate.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against full length recombinant AKR7A3.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 1-331 of human AKR7A3.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein G purification
<b>Concentration</b>	1 mg/mL
<b>Isotype</b>	IgG1, kappa
<b>Recommend Usage</b>	ELISA Western Blot The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4 (10% glycerol, 0.02% sodium azide).

**Storage Instruction**

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Transfected lysate)

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — AKR7A3

**Entrez GeneID** [22977](#)

**Protein Accession#** [AAH25709](#)

**Gene Name** AKR7A3

**Gene Alias** AFAR2

**Gene Description** aldo-keto reductase family 7, member A3 (aflatoxin aldehyde reductase)

**Omim ID** [608477](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** Aldo-keto reductases, such as AKR7A3, are involved in the detoxification of aldehydes and ketones.[supplied by OMIM]

**Other Designations** OTTHUMP00000002623|aflatoxin B1 aldehyde reductase 2|aldo-keto reductase family 7, member A3

## Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)