

## DCXR Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant DCXR.

Catalog # AT1728a

### Product Information

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<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">Q7Z4W1</a>
<b>Other Accession</b>	<a href="#">NM_016286</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 Kappa
<b>Clone Names</b>	6A6
<b>Calculated MW</b>	25913

### Additional Information

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<b>Gene ID</b>	51181
<b>Other Names</b>	L-xylulose reductase, XR, Carbonyl reductase II, Dicarboxyl/L-xylulose reductase, Kidney dicarbonyl reductase, kiDCR, Sperm surface protein P34H, DCXR
<b>Target/Specificity</b>	DCXR (NP_057370, 145 a.a. ~ 244 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IHC~~1:100~500
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	DCXR Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

### Background

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The protein encoded by this gene acts as a homotetramer to catalyze diacetyl reductase and L-xylulose reductase reactions. The encoded protein may play a role in the uronate cycle of glucose metabolism and in the cellular osmoregulation in the proximal renal tubules. Defects in this gene are a cause of pentosuria. Two transcript variants encoding different isoforms have been found for this gene.

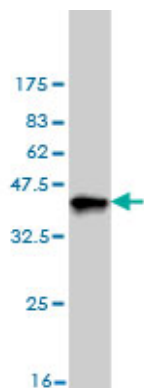
### References

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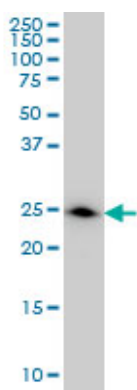
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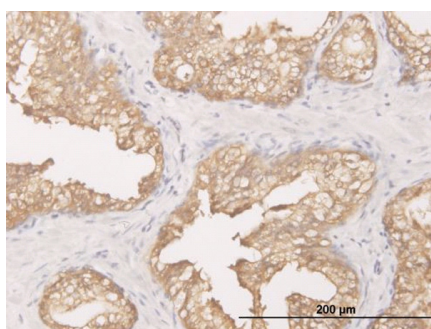
## Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .



DCXR monoclonal antibody (M03), clone 6A6 Western Blot analysis of DCXR expression in A-431 ( (Cat # AT1728a )



Immunoperoxidase of monoclonal antibody to DCXR on formalin-fixed paraffin-embedded human prostate. [antibody concentration 1 ug/ml]

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.