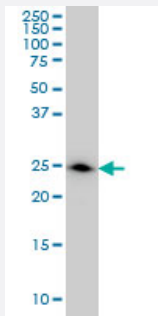


DCXR monoclonal antibody (M03), clone 6A6

Catalog # H00051181-M03

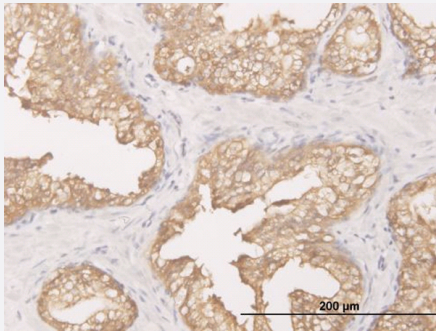
Size 100 ug

Applications



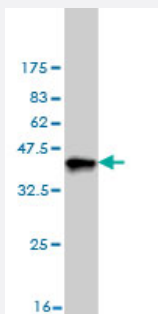
Western Blot (Cell lysate)

DCXR monoclonal antibody (M03), clone 6A6 Western Blot analysis of DCXR expression in A-431 (Cat # L015V1).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant DCXR.

Immunogen	DCXR (NP_057370, 145 a.a. ~ 244 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NHSVYCSTKGALDMLTKVMALELGPHKIRVNAVNPVTVM TSMGQATWSDPHKAKTMLNRIPLGKFAEVEHVVNAILFLLSDRSGMTTGSTLPVEGGFWAC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (84)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

DCXR monoclonal antibody (M03), clone 6A6 Western Blot analysis of DCXR expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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

[Protocol Download](#)

- ELISA

Gene Info — DCXR

Entrez GeneID

[51181](#)

GeneBank Accession#	NM_016286
Protein Accession#	NP_057370
Gene Name	DCXR
Gene Alias	DCR, HCR2, HCR11, KIDCR, P34H, SDR20C1
Gene Description	dicarbonyl/L-xylulose reductase
Omim ID	608347
Gene Ontology	Hyperlink
Gene Summary	DCXR is an enzyme that has both diacetyl reductase (EC 1.1.1.5) and L-xylulose reductase (EC 1.1.1.10) activities (Nakagawa et al., 2002 [PubMed 11882650]).[supplied by OMIM]
Other Designations	carbonyl reductase III human carbonyl reductase 2 kidney dicarbonyl reductase short chain dehydratase/reductase family 20C, member 1

Pathway

- [Metabolic pathways](#)
- [Pentose and glucuronate interconversions](#)