

DCXR rabbit monoclonal antibody

Catalog # H00051181-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DCXR peptide using ARM Technology.
Immunogen	A synthetic peptide of human DCXR is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DCXR peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — DCXR

Entrez GeneID	51181
GeneBank Accession#	DCXR
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 II human carbonyl reductase 2 kidney dicarbonyl reductase short chain dehydratase/reductase family 20C, member 1

Pathway

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