



DCXR mouse mAb

Catalog No	YP-mAb-18145
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DCXR
Immunogen	Synthesized peptide derived from human DCXR
Specificity	This antibody detects endogenous levels of DCXR at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Carbonyl reductase II;DCR;DCXR;HCR2;HCR1;KIDCR;Kidney dicarbonyl reductase;L xylulose reductase;P34H;SDR20C1;Sperm surface protein P34H;XR;L-xylulose reductase (XR) (EC 1.1.1.10) (Carbonyl reductase II) (Dicarbonyl/L-xylulose reductase) (Kidney dicarbonyl reductase) (kiDCR) (Sperm surface protein P34H)
Observed Band	26 kDa
Calculated Molecular Weight	26 kDa
Cell Pathway	Membrane ; Peripheral membrane protein . Probably recruited to membranes via an interaction with phosphatidylinositol. .
Tissue Specificity	Highly expressed in kidney, liver and epididymis. In the epididymis, it is mainly expressed in the proximal and distal sections of the corpus region. Weakly or not expressed in brain, lung, heart, spleen and testis.
Function	Catalyzes the NADPH-dependent reduction of several pentoses, tetroses, trioses, alpha-dicarbonyl compounds and L-xylulose. Participates in the uronate cycle of glucose metabolism. May play a role in the water absorption and cellular osmoregulation in the proximal renal tubules by producing xylitol, an osmolyte, thereby preventing osmolytic stress from occurring in the renal tubules.



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images