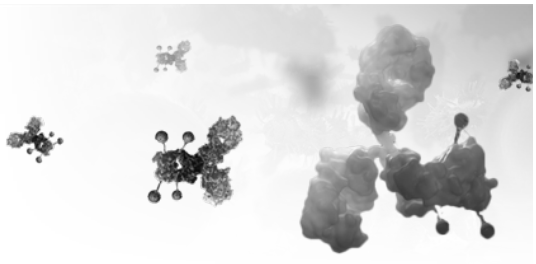
CD Creative Diagnostics®



Anti-DHRS3 monoclonal antibody (DCABH-11275)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Short-chain dehydrogenases/reductases (SDRs), such as DHRS3, catalyze the oxidation/reduction of a wide range of substrates, including retinoids and steroids (Haeseleer and Palczewski, 2000 [PubMed 10800688]).
Immunogen	A synthetic peptide of human DHRS3 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	DHRS3 dehydrogenase/reductase (SDR family) member 3 [Homo sapiens]
Official Symbol	DHRS3

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Synonyms	DHRS3; dehydrogenase/reductase (SDR family) member 3; short-chain dehydrogenase/reductase 3; RDH17; retSDR1; Rsdr1; SDR1; SDR16C1; short chain dehydrogenase/reductase family 16C; member 1; short-chain dehydrogenase/reductase 1; retinal short-chain dehydrogenase/reductase 1; short chain dehydrogenase/reductase family 16C, member 1; DD83.1;
Entrez Gene ID	9249
Protein Refseq	NP_004744
UniProt ID	O75911
Chromosome Location	1p36.1
Pathway	Metabolic pathways, organism-specific biosystem; Retinol metabolism, organism-specific biosystem; Retinol metabolism, conserved biosystem; Vitamin A and carotenoid metabolism, organism-specific biosystem; retinol biosynthesis, conserved biosystem; retinol biosynthesis, organism-specific biosystem; the visual cycle, conserved biosystem.
Function	NADP-retinol dehydrogenase activity; electron carrier activity; nucleotide binding; oxidoreductase activity;

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