



# Anti-PECR monoclonal antibody, clone 2F23 (DCABH-551)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to PECR
<b>Antigen Description</b>	Participates in chain elongation of fatty acids. Has no 2,4-dienoyl-CoA reductase activity.
<b>Immunogen</b>	Recombinant full length Human PECR produced in HEK293T cells (NP_060911).
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	2F23
<b>Purification</b>	This antibody is purified from Mouse ascites fluids by affinity chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC/IF
<b>Positive Control</b>	HEK293T cell lysate transfected with pCMV6-ENTRY PECR; COS7 cells transfected with pCMV6-ENTRY PECR.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 50% Glycerol, 48% PBS, 1% BSA
<b>Preservative</b>	0.02% Sodium Azide

**Storage** store at -20°C. Avoid repeated freeze / thaw cycles.

**Ship** Shipped at 4°C.

## GENE INFORMATION

**Gene Name** [PECR peroxisomal trans-2-enoyl-CoA reductase \[ Homo sapiens \]](#)

**Official Symbol** PECR

**Synonyms** PECR; peroxisomal trans-2-enoyl-CoA reductase; HSA250303; SDR29C1; short chain dehydrogenase/reductase family 29C; member 1; TERP; DCR-RP; pVI-ARL; 2,4-dienoyl-CoA reductase-related protein; putative short chain alcohol dehydrogenase; short chain dehydrog

**Entrez Gene ID** [55825](#)

**Protein Refseq** [NP\\_060911](#)

**UniProt ID** [Q9BY49](#)

**Chromosome Location** 2q35

**Pathway** Biosynthesis of unsaturated fatty acids, organism-specific biosystem; Biosynthesis of unsaturated fatty acids, conserved biosystem; Fatty Acid Biosynthesis, organism-specific biosystem; Mitochondrial LC-Fatty Acid Beta-Oxidation, organism-specific biosystem; Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem.

**Function** nucleotide binding; oxidoreductase activity; trans-2-enoyl-CoA reductase (NADPH) activity;