Mouse PECR Monoclonal Antibody | anti-PECR antibody

PECR antibody

CATALOG #	HOST	APPLICATIONS
AAA106724	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

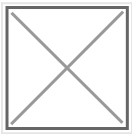
PECR; Monoclonal Antibody; PECR antibody; Monoclonal PECR; Anti-PECR; Peroxisomal trans-2-enoyl-CoA reductase; TERP; HSA250303; SDR29C1; 2 4-dienoyl-CoA reductase-related protein; DCRRP; HPDHASE; PVIARL; Putative short chain alcohol dehydrogenase; anti-PECR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2B2
Purity/Purification	PECR antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	303
Applicable Applications for anti-PECR antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	PECR participates in chain elongation of fatty acids. It has no 2, 4-dienoyl-CoA reductase activity.
Cross-Reactivity	Human, Dog, Rat, Monkey
Immunogen	PECR antibody was raised in mouse using a full length recombinant protein of human PECR (NP_060911) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant PECR protein using PECR antibody



IHC (Immunohiostchemistry)
Immunohistochemical analysis of PECR protein in paraffin embedded Carcinoma of Human thyroid tissue using PECR antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PECR protein (Right) or empty vector (Left) detected with PECR antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PECR antibody	Mouse monoclonal PECR antibody
Product Categories/Family for anti-PECR antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923817
NCBI GeneID	55825
NCBI Accession #	NP_060911
NCBI GenBank Nucleotide #	NM_018441.5
UniProt Accession #	Q9BY49; Q53TC4; Q6IAK9; Q9NRD4; Q9NY60; Q9P1A4; B2RE42
Molecular Weight	16,834 Da
NCBI Official Full Name	peroxisomal trans-2-enoyl-CoA reductase
NCBI Official Synonym Full Names	peroxisomal trans-2-enoyl-CoA reductase
NCBI Official Symbol	PECR
NCBI Official Synonym Symbols	TERP; DCRRP; PVIARL; HPDHASE; SDR29C1; HSA250303
NCBI Protein Information	peroxisomal trans-2-enoyl-CoA reductase
UniProt Protein Name	Peroxisomal trans-2-enoyl-CoA reductase
UniProt Gene Name	**PECR**
UniProt Synonym Gene Names	SDR29C1; TERP; DCR-RP
UniProt Entry Name	PECR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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