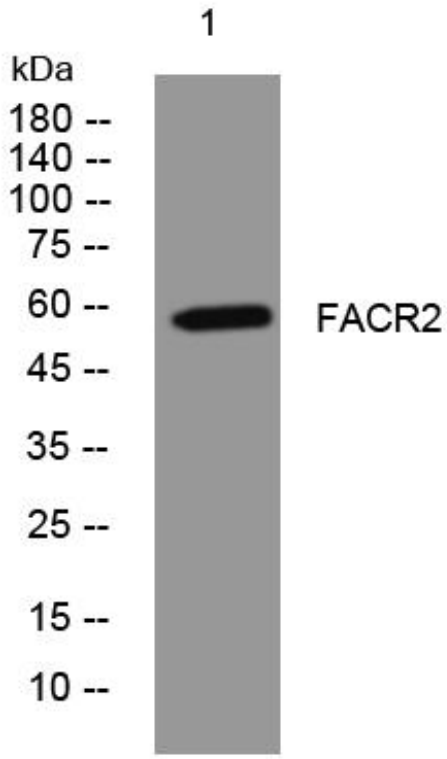
FACR2 mouse mAb

Catalog No	YP-mAb-12176
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	FAR2 MLSTD1
Protein Name	FACR2
Immunogen	Synthesized peptide derived from human FACR2 AA range: 409-459
Specificity	This antibody detects endogenous levels of FACR2 at Human/Mouse
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	
Observed Band	
Cell Pathway	Peroxisome membrane ; Single-pass membrane protein .
Tissue Specificity	
Function	catalytic activity:Fatty acyl-CoA + 2 NADPH = fatty alcohol + 2 NADP(+).,function:Catalyzes the reduction of fatty acyl-CoA to fatty alcohols. The preferred substrates are C16, C18, C18:1 and C18:2 but low activity can be observed with C10-C14 substrates.,similarity:Belongs to the fatty acyl-CoA reductase family.,subcellular location:Peroxisome in cells expressing low levels of the protein. Peroxisome and endoplasmic reticulum in cells expressing high levels of the protein.,
Background	This gene belongs to the short chain dehydrogenase/reductase superfamily. It encodes a reductase enzyme involved in the first step of wax biosynthesis wherein fatty acids are converted to fatty alcohols. The encoded peroxisomal protein utilizes saturated fatty acids of 16 or 18 carbons as preferred substrates. Alternatively spliced transcript variants have been observed for this gene. Related pseudogenes have been identified on chromosomes 2, 14 and 22. [provided by RefSeq, Nov 2012],

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



Western Blot analysis of various cells using FACR2 mouse mAb