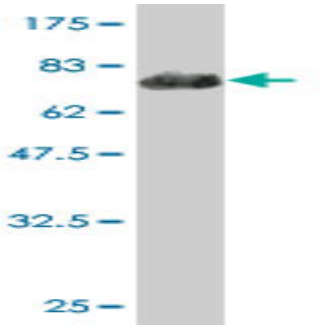
Mouse monoclonal antibody to human PhyH [1F2-5B9]: IgG

Catalogue No.:	M-914-100
Description:	PhyH is a peroxisomal protein that is involved in the alpha-oxidation of 3-methyl branched fatty acids. Specifically, this protein converts phytanoyl-CoA to 2-hydroxyphytanoyl-CoA. It requires iron and ascorbate as cofactors and is expressed in liver, kidney, and T-cells but not in spleen, brain, heart, lung and skeletal muscle. Defects in PhyH are a cause of Refsum disease (RD) and deficient protein activity has been associated with Zellweger syndrome and rhizomelic chondrodysplasia punctata. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Recombinant human PhyH [1-338], with a GST tag.
Clone:	1F2-5B9
Other Names:	Phytanoyl-CoA dioxygenase peroxisomal; Phytanoyl-CoA alpha-hydroxylase; Phytanic acid oxidase; PHYH; PAHX
Accession:	PAHX_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for WB and ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Specificity has been confirmed by WB and ELISA against the antigen.
Cross-reactivity:	Human. Other species have not been tested.
Form:	Lyophilised from PBS pH 7.2
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase



Western blot detection of GST tagged recombinant human PhyH. Note the GST tag alone is 26 kDa.

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