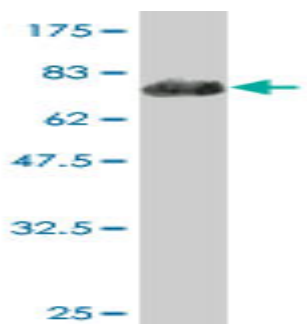


## Mouse monoclonal antibody to human PhyH [1F2-5B9]: IgG

<b>Catalogue No.:</b>	M-914-100
<b>Description:</b>	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.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Recombinant human PhyH [1-338], with a GST tag.
<b>Clone:</b>	1F2-5B9
<b>Other Names:</b>	Phytanoyl-CoA dioxygenase peroxisomal; Phytanoyl-CoA alpha-hydroxylase; Phytanic acid oxidase; PHYH; PAHX
<b>Accession:</b>	PAHX_HUMAN
<b>Produced in:</b>	Mouse
<b>Purity:</b>	Protein G purified immunoglobulin
<b>Applications:</b>	This antibody is recommended for WB and ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	Specificity has been confirmed by WB and ELISA against the antigen.
<b>Cross-reactivity:</b>	Human. Other species have not been tested.
<b>Form:</b>	Lyophilised from PBS pH 7.2
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	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.
<b>Expiry Date:</b>	12 months after purchase



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

FOR RESEARCH USE ONLY