

Anti-POR Antibody Picoband™ (monoclonal, 7F5)

Clone no. 7F5

MONOSAN

Product name	Anti-POR Antibody Picoband™ (monoclonal, 7F5)
Host	Mouse
Applications	WB,IHC,FC
Species reactivity	Human
Conjugate	-
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human POR, different from the related mouse and rat sequences by five
Isotype	IgG2b
Clonality	Monoclonal
Clone number	7F5
Size	100µg
Concentration	Adding 0.2 ml of distilled water =f 500 µg/ml.
Format	Lyophilized
Storage buffer	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Storage until expiry date	-20°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing. Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml. Background: POR is a membrane-bound enzyme required for electron transfer from NADPH to cytochrome P450 in the endoplasmic reticulum of the eukaryotic cell. The gene encodes an endoplasmic reticulum membrane oxidoreductase with an FAD-binding domain and a flavodoxin-like domain. The protein binds two cofactors, FAD and FMN, which allow it to donate electrons directly from NADPH to all microsomal P450 enzymes. Mutations in this gene have been associated with various diseases, including apparent combined P450C17 and P450C21 deficiency, amenorrhea and disordered steroidogenesis, congenital adrenal hyperplasia and Antley-Bixler syndrome. Subcellular Localization: Tissue Specificity:

References

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4. -
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