

Anti-PCK2 Antibody Picoband™ (monoclonal, 3F7)

Clone no. 3F7

MONOSAN

Product name	Anti-PCK2 Antibody Picoband™ (monoclonal, 3F7)
Host	Mouse
Applications	WB,IHC,ICC,IF,FC
Species reactivity	Human,Mouse,Rat,Monkey
Conjugate	-
Immunogen	E.coli-derived human PCK2 recombinant protein (Position: M1-M640).
Isotype	IgG2b
Clonality	Monoclonal
Clone number	3F7
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

Store 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 freeze-thaw cycles. Add 0.2ml of distilled water will yield a concentration of 500ug/ml. Background: Phosphoenolpyruvate carboxykinase 2, mitochondrial (PCK2, PEPCK-M), is an isozyme of phosphoenolpyruvate carboxykinase (PCK, PEPCK) that in humans is encoded by the PCK2 gene. It is mapped to 14q11.2-q12. This gene encodes a mitochondrial enzyme that catalyzes the conversion of oxaloacetate to phosphoenolpyruvate in the presence of guanosine triphosphate (GTP). A cytosolic form of this protein is encoded by a different gene and is the key enzyme of gluconeogenesis in the liver. Alternatively spliced transcript variants have been described. Subcellular Localization: Tissue Specificity:

References

1. -
2. -
3. -
4. -
5. -

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