

Anti-ERp57 Antibody Picoband™ (monoclonal, 7E5)

Clone no. 7E5

MONOSAN

Product name	Anti-ERp57 Antibody Picoband™ (monoclonal, 7E5)
Host	Mouse
Applications	WB,IHC,FC
Species reactivity	Human
Conjugate	-
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human ERp57, different from the related mouse and rat sequences by two
Isotype	IgG1
Clonality	Monoclonal
Clone number	7E5
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: PDIA3 (Protein disulfide isomerase family A, member 3), also called GRP58, Erp57 or ER60, is an isomerase enzyme. It is mapped on 15q15.3. PDIA3 is also part of the major histocompatibility complex (MHC) class I peptide-loading complex, which is essential for formation of the final antigen conformation and export from the endoplasmic reticulum to the cell surface. This gene encodes a protein of the endoplasmic reticulum that interacts with lectin chaperones calreticulin and calnexin to modulate folding of newly synthesized glycoproteins. The protein was once thought to be a phospholipase; however, it has been demonstrated that the protein actually has protein disulfide isomerase activity. It is thought that complexes of lectins and this protein mediate protein folding by promoting formation of disulfide bonds in their glycoprotein substrates. Subcellular Localization: Tissue Specificity:

References

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