

Anti-HGD Antibody Picoband™ (monoclonal, 2F11E1)

Clone no. 2F11E1

MONOSAN

Product name	Anti-HGD Antibody Picoband™ (monoclonal, 2F11E1)
Host	Mouse
Applications	WB,IHC,FC
Species reactivity	Human
Conjugate	-
Immunogen	E. coli-derived human HGD recombinant protein (Position: D374-N445).
Isotype	IgG2b
Clonality	Monoclonal
Clone number	2F11E1
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: The HGD gene encodes homogentisate 1,2-dioxygenase (HGD), an enzyme involved in the catabolism of phenylalanine and tyrosine. This enzyme is involved in the catabolism of the amino acids tyrosine and phenylalanine. Mutations in this gene are the cause of the autosomal recessive metabolism disorder alkaptonuria. This gene is mapped to chromosome 3q21-q23 by a preliminary PCR screen of hamster/human somatic cell hybrid genomic DNA samples and by fluorescence in situ hybridization. Subcellular Localization: Tissue Specificity:

References

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4. -
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