

Product Datasheet

Glyoxalase I Antibody (4C12) H00002739-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00002739-M01

Glyoxalase I Antibody (4C12)

Product Information

Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4C12
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description

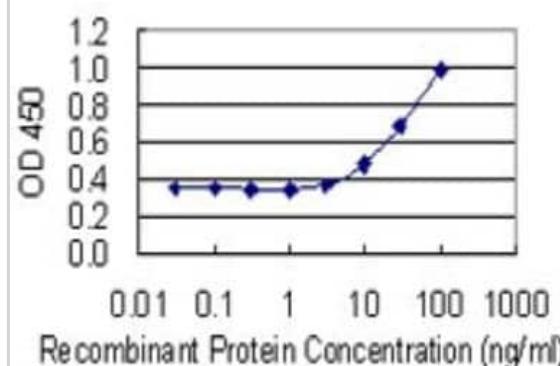
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2739
Gene Symbol	GLO1
Species	Human
Specificity/Sensitivity	GLO1 - glyoxalase I (4C12)
Immunogen	GLO1 (AAH11365.1, 1 a.a. ~ 98 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAEPQPPSGGLTDEAALSYCSDADPSTKDFLLQQTMLRVKDPKKSLDFYTRVL GMTLIQKCDFPIMKFSLYFLAYEDKNDIPKEKDEKIAWALSRKAT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

Applications	Western Blot, ELISA, Immunohistochemistry, Sandwich ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA, Immunohistochemistry, Sandwich ELISA
Application Notes	It has been used for ELISA. Use in Western blot and Immunohistochemistry reported in scientific literature (PMID: 20093988).

Images

Sandwich ELISA: Glyoxalase I Antibody (4C12) [H00002739-M01] - Detection limit for recombinant GST tagged GLO1 is 1 ng/ml as a capture antibody.



Publications

Havas F, Krispin S, Cohen M et al. A Dunaliella salina Extract Counteracts Skin Aging under Intense Solar Irradiation Thanks to Its Antiglycation and Anti-Inflammatory Properties Marine drugs 2022-01-27 [PMID: 35200634] (IF/IHC, Human)

Bair WB 3rd, Cabello CM, Uchida K et al. GLO1 overexpression in human malignant melanoma. Melanoma Res. 2010-04-01 [PMID: 20093988] (IF/IHC, WB, Human)

Details:

IHC (paraffin) & labelled with a GLO1 antibody (Fig 2): 1. Malignant Melanoma: IMH-3692. Skin Cancer & Normal Skin: IMH-323.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

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