

Product Datasheet

12-Lipoxygenase Antibody (2D10) - Azide and BSA Free H00000239-M01

Unit Size: 0.1 mg

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

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H00000239-M01**12-Lipoxygenase Antibody (2D10) - Azide and BSA Free****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	2D10
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description

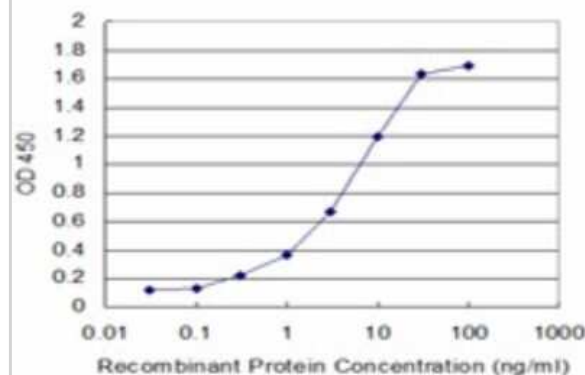
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	239
Gene Symbol	ALOX12
Species	Human, Rat
Specificity/Sensitivity	ALOX12 - arachidonate 12-lipoxygenase (2D10)
Immunogen	ALOX12 (NP_000688, 564 a.a. ~ 663 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PPPTTKEDVTMATVMGSLPDVRQACLQMAISWHLSSRRQPDMPVPLGHHKEKYF SGPKPKAVLNQFRTDLEKLEKEITARNEQLDWPYEYLPKSCIENSVTI
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

Images

ELISA: 12-Lipoxygenase Antibody (2D10) [H00000239-M01] - Detection limit for recombinant GST tagged ALOX12 is approximately 0.3ng/ml as a capture antibody.



Publications

Gabrielle Fredman, Yongsheng Li, Jesmond Dalli, Nan Chiang, Charles N. Serhan Self-Limited versus Delayed Resolution of Acute Inflammation: Temporal Regulation of Pro-Resolving Mediators and MicroRNA Scientific Reports 2012-09-06 [PMID: 22957142]

Gregus AM, Dumlao DS, Wei SC et al. Systematic analysis of rat 12/15-lipoxygenase enzymes reveals critical role for spinal eLOX3 hepoxilin synthase activity in inflammatory hyperalgesia. FASEB J 2013-02-04 [PMID: 23382512]





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Products Related to H00000239-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00000239-P01-10ug	Recombinant Human 12-Lipoxygenase GST (N-Term) Protein

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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