

Product Datasheet

15-Lipoxygenase 2 Antibody (4A7) - Azide and BSA Free H00000247-M05

Unit Size: 0.1 mg

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

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Updated 2/21/2025 v.20.1

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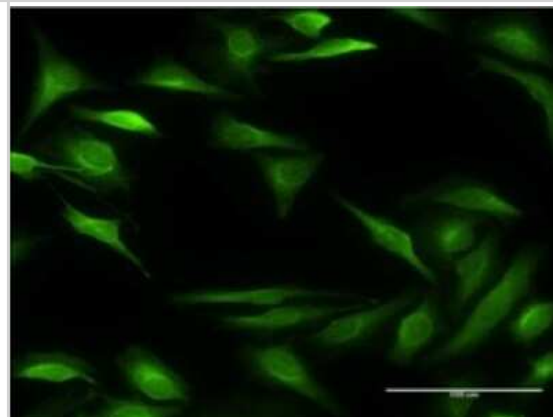


H00000247-M05**15-Lipoxygenase 2 Antibody (4A7) - Azide and BSA Free**

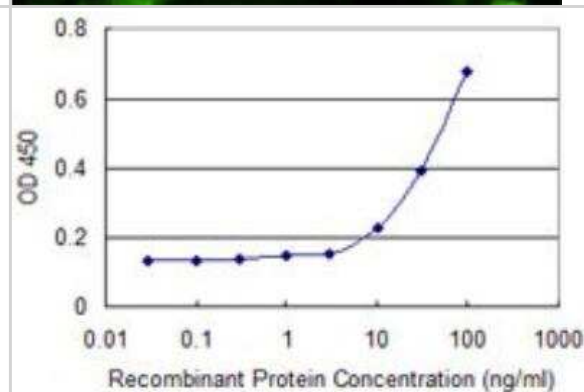
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4A7
Preservative	No Preservative
Isotype	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	247
Gene Symbol	ALOX15B
Species	Human
Specificity/Sensitivity	ALOX15B - arachidonate 15-lipoxygenase, type B (4A7)
Immunogen	ALOX15B (AAH35217.1, 181 a.a. ~ 280 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. NANFYLQAGSAFAEMKIKGLLDRKGLWRSLNEMKRIFNFRRTPAAEHAFEHWQ EDAFFASQFLNGLNPVLIRRCHYLPKNFPVTDAMVASVLGPGTSLQA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

Images

Immunocytochemistry/Immunofluorescence: 15-Lipoxygenase 2 Antibody (4A7) [H00000247-M05] - Analysis of monoclonal antibody to ALOX15B on HeLa cell. Antibody concentration 10 ug/ml



ELISA: 15-Lipoxygenase 2 Antibody (4A7) [H00000247-M05] - Detection limit for recombinant GST tagged ALOX15B is approximately 10ng/ml as a capture antibody.



Publications

Valkonen, S;Holopainen, M;Colas, RA;Impola, U;Dalli, J;Kakela, R;Siljander, PR;Laitinen, S; Lipid mediators in platelet concentrate and extracellular vesicles: Molecular mechanisms from membrane glycerophospholipids to bioactive molecules *Biochim Biophys Acta Mol Cell Biol Lipids* 2019-04-10 [PMID: 30980920] (WB, Human)



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Products Related to H00000247-M05

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)
H00000247-P01-10ug	Recombinant Human 15-Lipoxygenase 2 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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