

# Product Datasheet

## HBLD2 Antibody (1A11) - Azide and BSA Free H00081689-M02

Unit Size: 0.1 mg

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

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**H00081689-M02**

HBLD2 Antibody (1A11) - 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	1A11
Preservative	No Preservative
Isotype	IgG2a Lambda
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

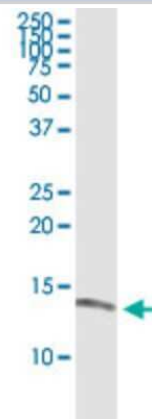
Product Description	
Description	Novus Biologicals Mouse HBLD2 Antibody (1A11) - Azide and BSA Free (H00081689-M02) is a monoclonal antibody validated for use in WB and ELISA. Anti-HBLD2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	81689
Gene Symbol	ISCA1
Species	Human
Immunogen	ISCA1 (AAH02675, 1 a.a. ~ 129 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSASLVRATVRAVSKRKLQPTRAALTLTPSAVNKIKQLLKDKPEHVGVKVGVRT RGCNGLSYTLEYTKTKGDSDEEVIQDGVRFIEKKAQLTLLGTEMDYVEDKLSS EFVFNNPNIKGTCGCGESFNI
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 1:100-1:2000, ELISA 1:100-1:2000
Application Notes	This antibody is useful for ELISA, Western Blot

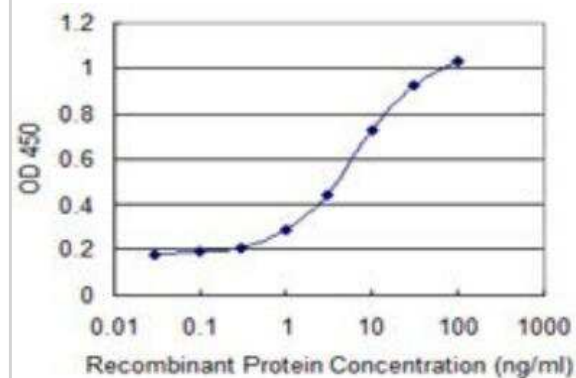


## Images

Western Blot: HBLD2 Antibody (1A11) [H00081689-M02] - ISCA1 monoclonal antibody (M02), clone 1A11. Analysis of ISCA1 expression in A-431.



ELISA: HBLD2 Antibody (1A11) [H00081689-M02] - Detection limit for recombinant GST tagged ISCA1 is 0.3 ng/ml as a capture antibody.



## Publications

S Mukhopadhy, J Encarnació, EY Lin, ASW Sohn, H Zhang, JD Mancias, AC Kimmelman Autophagy supports mitochondrial metabolism through the regulation of iron homeostasis in pancreatic cancer *Science Advances*, 2023-04-19;9(16):eadf9284. 2023-04-19 [PMID: 37075122]



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### **Products Related to H00081689-M02**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
H00081689-P01-10ug	Recombinant Human HBLD2 GST (N-Term) Protein

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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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