

# Product Datasheet

## Kv7.4 Antibody (2H6) - Azide and BSA Free H00009132-M01

Unit Size: 0.1 mg

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

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**H00009132-M01**

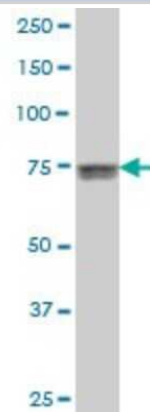
Kv7.4 Antibody (2H6) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2H6
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG3 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Kv7.4 Antibody (2H6) - Azide and BSA Free (H00009132-M01) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	9132
<b>Gene Symbol</b>	KCNQ4
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	KCNQ4 (2H6)
<b>Immunogen</b>	KCNQ4 (NP_004691, 596 a.a. ~ 695 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. AREKGDKGPSDAEVVDEISMMGRVVKVEKQVQSIEHKLDLLLGFYSRCLRSGT SASLGAVQVPLFDPDITSDYHSPVDHEDISVSAQTLISRSVSTNMD
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Sandwich ELISA
<b>Application Notes</b>	Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for ELISA.

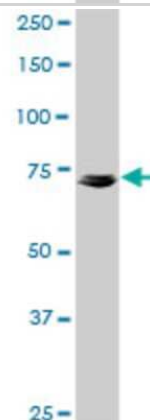


## Images

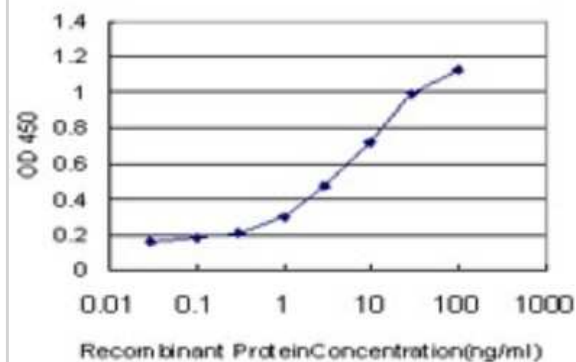
Western Blot: Kv7.4 Antibody (2H6) [H00009132-M01] - KCNQ4 monoclonal antibody (M01), clone 2H6 Analysis of KCNQ4 expression in IMR-32.



Western Blot: Kv7.4 Antibody (2H6) [H00009132-M01] - KCNQ4 monoclonal antibody (M01), clone 2H6. Analysis of KCNQ4 expression in NIH/3T3.



Sandwich ELISA: Kv7.4 Antibody (2H6) [H00009132-M01] - Detection limit for recombinant GST tagged KCNQ4 is approximately 1ng/ml as a capture antibody.





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### **Products Related to H00009132-M01**

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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]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)

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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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