

## Product datasheet for **AM06673SU-N**

### **GATA5 Mouse Monoclonal Antibody [Clone ID: 1B11]**

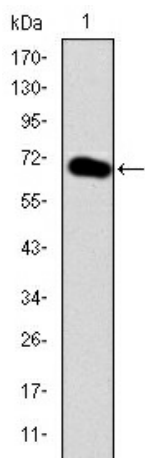
#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	1B11
Applications:	ELISA, WB
Recommended Dilution:	<b>Western Blot:</b> 1/500 - 1/2000. <b>ELISA:</b> 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human GATA5 expressed in E. Coli.
Specificity:	This antibody reacts to GATA5.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% sodium azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	41 kDa
Gene Name:	GATA binding protein 5
Database Link:	<a href="#">Entrez Gene 140628 Human Q9BWX5</a>
Background:	The protein encoded by this gene is a transcription factor that contains two GATA-type zinc fingers. The encoded protein is known to bind to hepatocyte nuclear factor-1alpha (HNF-1alpha), and this interaction is essential for cooperative activation of the intestinal lactase-phlorizin hydrolase promoter. In other organisms, similar proteins may be involved in the establishment of cardiac smooth muscle cell diversity.
Synonyms:	GATA-5, GATA-binding factor 5

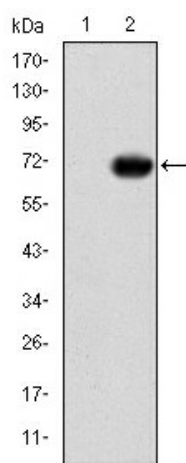


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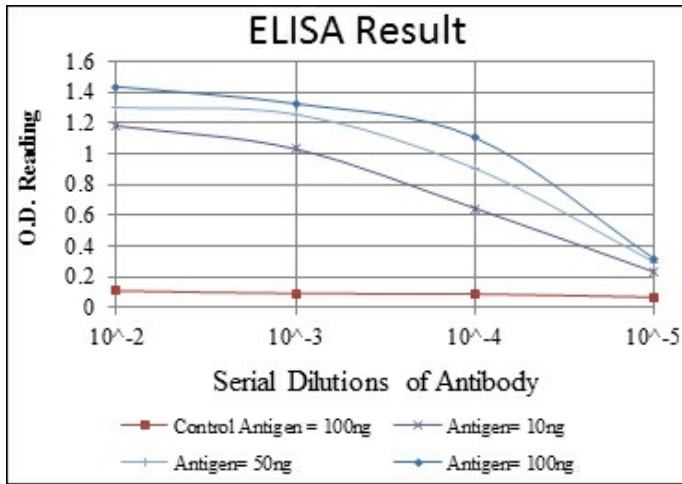
## Product images:



Western blot analysis using GATA5 mAb against human GATA5 (AA: 168-391) recombinant protein. (Expected MW is 49.6 kDa)



Western blot analysis using GATA5 mAb against HEK293 (1) and GATA5-hlgGfC transfected HEK293 (2) cell lysate.



Red: Control Antigen (100ng) Purple: Antigen (10ng) Green: Antigen (50ng) Blue: Antigen (100ng)