
Product Name: HAND1 Mouse Monoclonal Antibody**Catalog #: AMM80674**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	/

Antigen Information

Gene Name	HAND1
Alternative Names	Hxt; eHand; Thing1; bHLHa27
Gene ID	9421.0
SwissProt ID	O96004
Immunogen	Purified recombinant fragment of HAND1 (aa90-190) expressed in E. Coli.

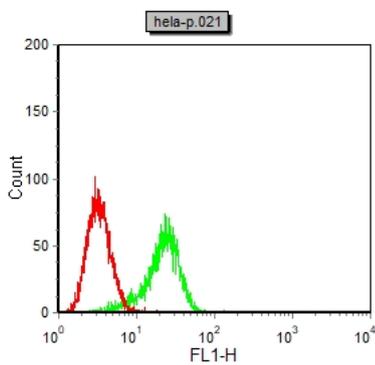
Background

HAND1: heart and neural crest derivatives expressed 1. The protein encoded by this gene belongs to the basic helix-loop-helix family of transcription factors. This gene product is one of two closely related family members, the HAND proteins, which are asymmetrically expressed in the developing ventricular chambers and play an essential role in cardiac morphogenesis. Working

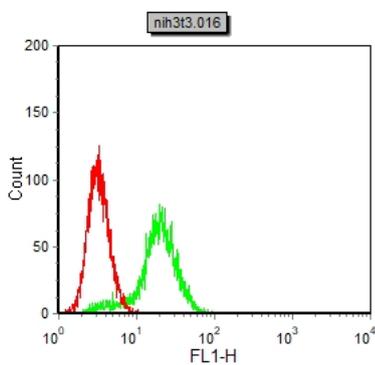
in a complementary fashion, they function in the formation of the right ventricle and aortic arch arteries, implicating them as mediators of congenital heart disease. In addition, it has been suggested that this transcription factor may be required for early trophoblast differentiation.

Research Area

Image Data



Flow cytometric analysis of HeLa cells using HAND1 mouse mAb (green) and negative control (red).



Flow cytometric analysis of NIH3T3 cells using HAND1 mouse mAb (green) and negative control (red).