

HAND1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3599
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of HAND1 (aa90-190) expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	Hxt;eHand;Thing1;bHLHa27

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

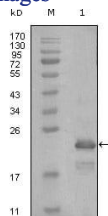
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using HAND1 mouse mAb against truncated Trx-HAND1 recombinant protein (1).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.