



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to HAND1

Catalog Number: MAB-606020253

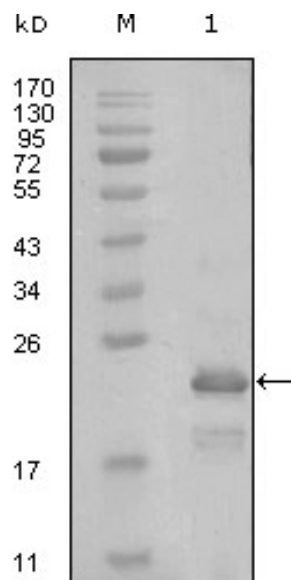


Figure 1: Western blot analysis using HAND1 mouse mAb against truncated Trx-HAND1 recombinant protein (1).

Lot#:
Clone#: 8E7A11,8C2F4
Host and isotype: Mouse IgG1
Size: 0.1ml
MW:
Aliases: Hxt; eHand; Thing1;
bHLHa27
Entrez Gene: 9421
Species reactivity: Human

Description 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.

Immunogen Purified recombinant fragment of HAND1 (aa90-190) expressed in E. Coli.

Application Western Blotting: 1/500 - 1/2000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4iæ, for long term storage, store at -20iæ.

Rrelated product

References 1. J Biol Chem. 2002 Apr 12;277(15):12604-12.
2. Mol Cell. 2003 Nov;12(5):1225-37.

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