

HAND1 Ab

[Images\(1\)](#)

Cat.#: BF0261 Concn.: ~1mg/ml Mol.Wt.: 24kDa.
Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000
 *The optimal dilutions should be determined by the end user.
Reactivity: Human
Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH
 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.
 Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human HAND1 expressed in E. Coli.

Uniprot: O96004

Description: 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.

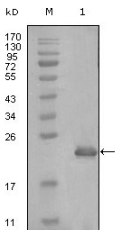


Figure 1: Western blot analysis using HAND1 mouse mAb against truncated Trx-HAND1 recombinant protein (1).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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