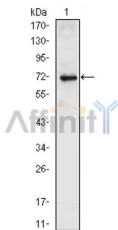


NKX2.5 Ab

[Images\(1\)](#)

Cat.#: BF0540	Concn.: ~1mg/ml	Mol.Wt.: 35kDa
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 Mg ²⁺ and Ca ²⁺), 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 NKX2.5 expressed in E. Coli.
Uniprot:	P52952
Description:	NKX2.5: NK2 transcription factor related, locus 5 (Drosophila), also known as CSX. It is a homeobox-containing transcription factor. This transcription factor functions in heart formation and development. Mutations in this gene cause atrial septal defect with atrioventricular conduction defect, and also tetralogy of Fallot, which are both heart malformation diseases. Mutations in this gene can also cause congenital hypothyroidism non-goitrous type 5, a non-autoimmune condition. Alternative splicing results in multiple transcript variants.



Western blot analysis using NKX2.5 mouse mAb against full-length NKX2.5 (aa 1-324)-hIgGFc transfected HEK293 cell lysates (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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