

Nkx2.5 Antibody FITC Conjugated

Catalog No: #C03917F

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Description

Product Name	Nkx2.5 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 80-130 318 derived from mouse Nkx2.5
Conjugates	FITC
Target Name	Nkx2.5 Cardiac-specic homeobox 1
Other Names	Csx; Nkx2.5; tinman; Nkx-2.5; Homeobox protein Nkx-2.5; Cardiac-specific homeobox; Homeobox protein CSX; Homeobox protein NK-2 homolog E; Nkx2-5; Nkx2e
Accession No.	Swiss-Prot#P42582NCBI Gene ID18091
Uniprot	P42582
GeneID	18091;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm, Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Implicated in commitment to and or differentiation of the myocardial lineage. Acts as a transcriptional activator of ANF in cooperation with GATA4. It is transcriptionally controlled by PBX1 and acts as a transcriptional repressor of CDKN2B. Together with PBX1, it is required for spleen development through a mechanism that involves CDKN2B repression.

Note: This product is for in vitro research use only