TBX20 Recombinant antibody

Catalog Number:83414-5-RR

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Basic Information

Catalog Number: 83414-5-RR	GenBank Accession Number: BC120946	Purification Method: Protein A purfication
Size: 1000 ug/ml	GeneID (NCBI): 57057	CloneNo.: 240385C12
Source: Rabbit	UNIPROT ID: Q9UMR3	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: T-box 20	
Immunogen Catalog Number: AG18501	Calculated MW: 297 aa, 33 kDa	
	Observed MW: 50-60 kDa	

Applications

Tested Applications:
WB, FC (Intra), ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : H9C2 cells, mouse heart tissue, rat heart tisue

Background Information

Tbx20 is a transcription factor that is essential for proper heart development in a growing fetus. Any mutations in this gene can result in various forms of congenital heart disease.

Storage

Storage:
Store at -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage
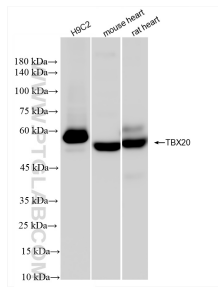
Various lysates were subjected to SDS PAGE followed by western blot with 83414-5-RR (TBX20 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.
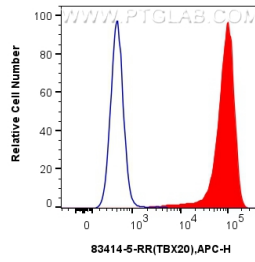
1x10^6 k562 were intracellularly stained with 0.25 ug Tbx20 Recombinant Antibody (83414-5-RR, Clone:240385C12) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).
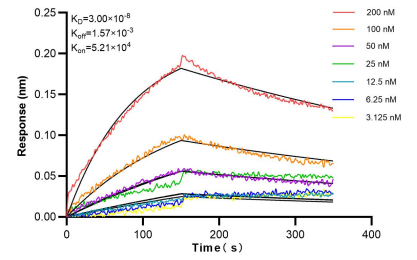
Biolayer interferometry (BLI) kinetic assays of 83414-5-RR against Human TBX20 were performed. The affinity constant is 30 nM.