

Anti-MYH7 antibody (1728-1744) (STJ29702)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

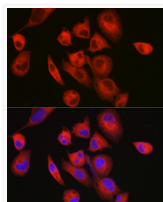
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 223kDa Observed Mw: 250kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

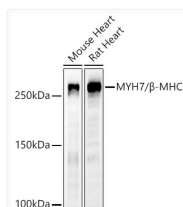
Gene ID	4625
Gene Symbol	MYH7
UniProt ID	MYH7_HUMAN
Immunogen Region	1728-1744
Immunogen Sequence	KLAEQELIETSERVQLLSQ NTSLINQKKKMDADLSQLQT EVEEAVQECRNAAEEKAKKAI TDAAMMAEELKKEQDTS AHL ERMKKNMEQTIKDLQHLRDE AEQIALKGGKKQLQKLEARV RELENELEAEQKRNAESVKG MRKSERRIKELTYQTEEDRK NLLRLQDLVDKLQLKV KAYK RQAEAEAEQANTNLSKFRKV QHELDEAEERADIAESQV NK LRAKSRDIGTKGLNEE
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1700-1800 of human MYH7/Beta-MHC (NP_000248.2).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of RD cells using MYH7/Beta-MHC Rabbit polyclonal antibody (STJ29702) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using MYH7/Beta-MHC Rabbit polyclonal antibody (STJ29702) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/ proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.