

Anti-MYOD1 antibody (100-200) [S4689RM] (STJ11104689)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

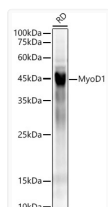
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA: Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 35kDa Observed Mw: 45kDa
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	4654
Gene Symbol	MYOD1
UniProt ID	MYOD1_HUMAN
Immunogen Region	100-200
Immunogen Sequence	ACKRKTTNADRRKAATMRER RRLSKVNEAFETLKRCTSSN PNQRLPKVEILRNAIRYIEG LQALLRDQDAAPPAAAAFY APGPLPPGRGGEHYSGDSDA S
Specificity	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human MyoD1 (NP_002469.2).

ADDITIONAL INFORMATION

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



Western blot analysis of extracts of RD cells, using MyoD1 antibody (STJ11104689) at 1:700 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 Enhanced Kit. Exposure time: 180s.