

Anti-MDH1 antibody (1-334) (STJ29701)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

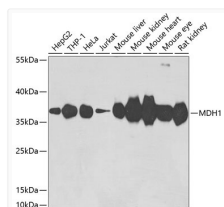
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 36kDa Observed Mw: 36kDa
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	4190
Gene Symbol	MDH1
UniProt ID	MDHC_HUMAN
Immunogen Region	1-334
Immunogen Sequence	MSEPIRVLVTGAAGQIAYSL LYSIGNGSVFGKDQPIILVL LDITPMMGVLDGVLMEQDC ALPLLKDVATDKEDVAFKD LDVAILVGSMPRRREGMERKD LLKANVKIFKSQGAALDKYA KKS VKVIVVGNPANTNCLTA SKSAPSIPKENFSCLTRLDH NRAKAQIALKLGVTANDVKN VIIWGNHSSSTQYPDVNHAKV KLGKKEVGVYEALKDDSWLK GEFVTTVQQRGA AVIKARK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-334 of human MDH1 (NP_005908.1).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Western blot analysis of extracts of various cell lines, using MDH1 antibody (STJ29701) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.