Anti-MLST8 antibody (1-326) (STJ24568)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

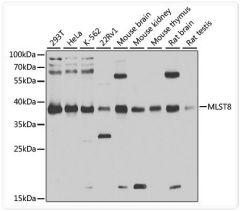
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 36kDa Observed Mw: 37kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

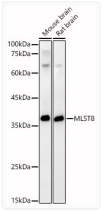
Gene ID	64223
Gene Symbol	MLST8
UniProt ID	LST8_HUMAN
Immunogen Region	1-326
Immunogen Sequence	MNTSPGTVGSDPVILATAGY DHTVRFWQAHSGICTRTVQH QDSQVNALEVTPDRSMIAAA GYQHIRMYDLNSNNPNPIIS YDGVNKNIASVGFHEDGRWM YTGGEDCTARIWDLRSRNLQ CQRIFQVNAPINCVCLHPNQ AELIVGDQSGAIHIWDLKTD HNEQLIPEPEVSITSAHIDP DASYMAAVNSTGNCYVWNLT GGIGDEVTQLIPKTKIPAHT RYALQCRFSPDSTLLATCS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-326 of human MLST8 (NP_001186103.1).

ADDITIONAL INFORMATION

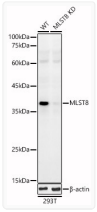
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of various cell lines, using MLST8 antibody (STJ24568) at 1:1000 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% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



Western blot analysis of various lysates, using MLST8 rabbit polyclonal antibody (STJ24568) at 1:400 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% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Western blot analysis of extracts from wild type (WT) and MLST8 knockdown (KD) 293T cells, using MLST8 rabbit polyclonal antibody (STJ24568) at 1:400 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% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.