

Anti-LYZ antibody (1-100) [S7MR] (STJ11101247)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

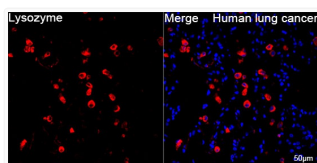
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IF/ICC:1:200-1:2000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 17kDa Observed Mw: 15kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

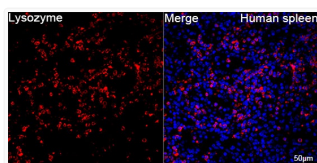
Gene ID	4069
Gene Symbol	LYZ
UniProt ID	LYSC_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MKALIVLGLVLLSVTVQGVK FERCELARTLKRGLGMDGYRG ISLANWMCLAKWESGYNTRA TNYNAGDRSTDYGIQINSR YWCNDGKTPGAVNACHLSCS
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Lysozyme (LYZ) (P61626).

ADDITIONAL INFORMATION

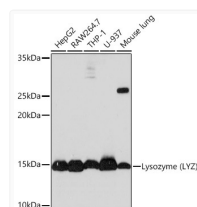
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Confocal imaging of paraffin-embedded Human lung cancer using Lysozyme (LYZ) Rabbit monoclonal antibody (STJ11101247, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citRate buffer (pH 6.0) prior to IF staining.



Confocal imaging of paraffin-embedded Human spleen using Lysozyme (LYZ) Rabbit monoclonal antibody (STJ11101247, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citRate buffer (pH 6.0) prior to IF staining.



Western blot analysis of various lysates using Lysozyme (LYZ) Rabbit monoclonal antibody (STJ11101247) 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% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.