

Lysozyme (LYZ) Monoclonal Antibody

CAB10972

Description

This Lysozyme (LYZ) Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB10972
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: LZM, LYZF1, Lysozyme (LYZ)
Clone: ARC57153
Applications: **WB** | **IHC-P** | **ELISA**
Conjugation: Unconjugated
Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 4069
Uniprot: AB_2758350
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 15kDa
Calculated MW: 17kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

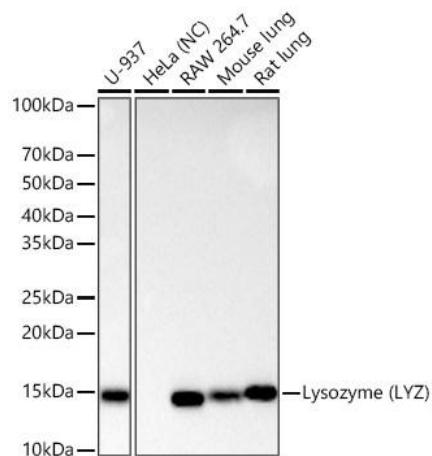
Positive Sample: U-937, RAW 264.7, Mouse lung, Rat lung

Recommended Dilutions:

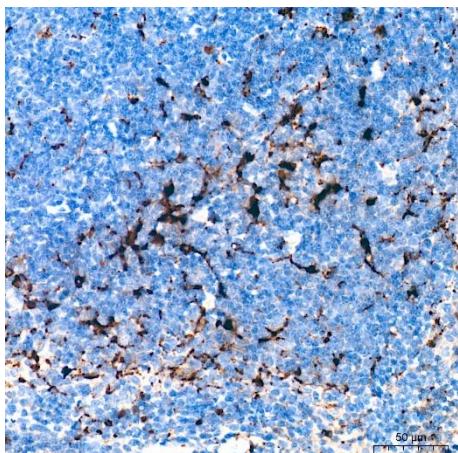
WB	1:30000 - 1:120000
IHC-P	1:1000 - 1:10000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

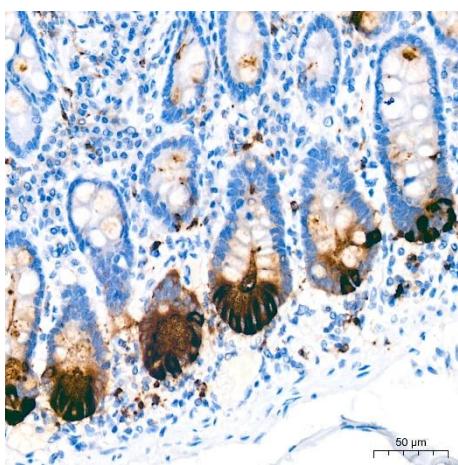
Validation Data



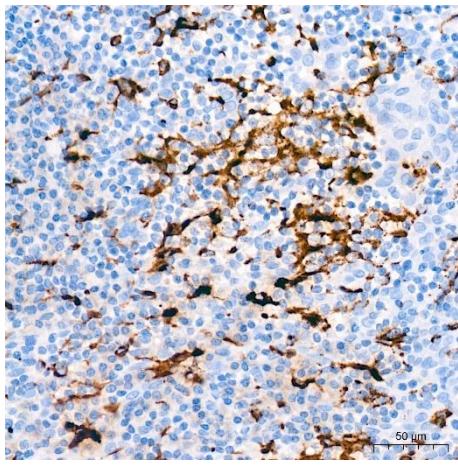
Western blot analysis of various lysates using Lysozyme (LYZ) Rabbit mAb (CAB10972) at 1:60000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Negative control (NC): HeLa Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using Lysozyme (LYZ) Rabbit mAb (CAB10972) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Lysozyme (LYZ) Rabbit mAb (CAB10972) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Lysozyme (LYZ) Rabbit mAb (CAB10972) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.