

Lysozyme (LYZ) Monoclonal Antibody

CAB0641

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: CAB0641
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: LZM, LYZF1, Lysozyme (LYZ)
Clone: ARC0276
Applications: WB ELISA IF-P
Conjugation: Unconjugated
Reactivity: Human, Mouse

Antibody Data

Gene ID: 4069
Uniprot: AB_2861471
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.

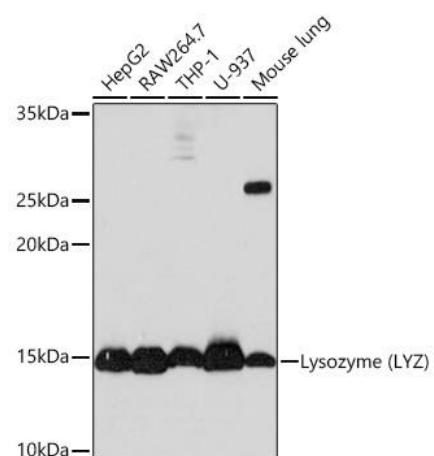
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: Hep G2, RAW 264.7, THP-1, U-937, Mouse lung

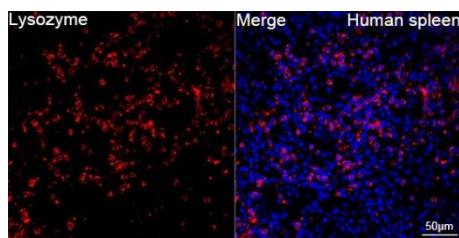
Recommended Dilutions:	WB	1:1000 - 1:6000
	IF-P	1:200 - 1:2000
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 (CAB0641) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Confocal imaging of paraffin-embedded Human spleen tissue using Lysozyme (LYZ) Rabbit mAb (CAB0641, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007, 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.