

For Research Use Only

Lysozyme Monoclonal antibody, PBS Only



Catalog Number: 66456-1-PBS

Basic Information

Catalog Number: 66456-1-PBS	GenBank Accession Number: BC004147	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 4069	CloneNo.: 2G5A8
Source: Mouse	UNIPROT ID: P61626	
Isotype: IgG2a	Full Name: lysozyme (renal amyloidosis)	
Immunogen Catalog Number: AG6917	Calculated MW: 17 kDa	
	Observed MW: 15-17 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat, pig

Background Information

LYZ (Lysozyme C) is also named as LZM and belongs to the glycosyl hydrolase 22 family. It catalyzes the hydrolysis of the bacterial cell wall beta(1-4) glycosidic linkages between N-acetylmuramic acid and N-acetylglucosamine. In tissues and body fluids this protein is associated with the monocyte-macrophage system and enhance the activity of immunoagents. LYZ is capable of both hydrolysis and transglycosylation; it shows also a slight esterase activity. Defects in LYZ are a cause of amyloidosis type 8 (AMYL8). The full length protein has a signal peptide with 18 amino acid.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

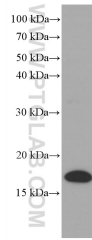
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

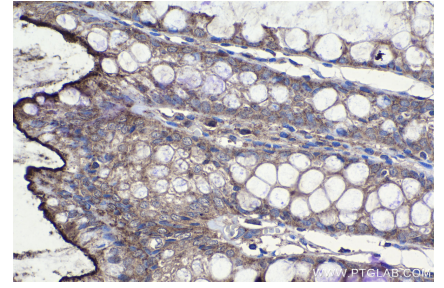
Selected Validation Data



human spleen tissue were subjected to SDS PAGE followed by western blot with 66456-1-Ig (Lysozyme antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66456-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66456-1-Ig (Lysozyme antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66456-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66456-1-Ig (Lysozyme antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66456-1-PBS in a different storage buffer formulation.