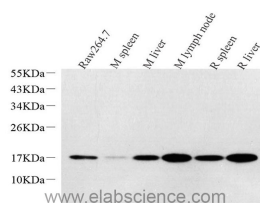


Lysozyme Polyclonal Antibody

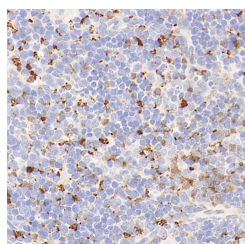
Catalog No.	E-AB-70213	Reactivity	M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

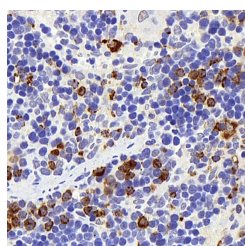
Images



Western Blot analysis of various samples using Lysozyme Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded mouse spleen using Lysozyme Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded rat spleen using Lysozyme Polyclonal Antibody at dilution of 1:400.

Immunogen Information

Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Lysozyme
Swissprot	P08905
Synonyms	LYZ, LZM, LYZF1, lysozyme

Product Information

Calculated MW	17kDa
Observed MW	17kDa
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	WB 1:500-1:2000, IHC 1:300-1:800

Background

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.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.