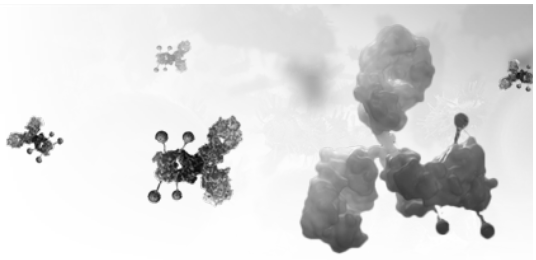

Mouse anti-Human LYZ monoclonal antibody, clone MZA-A (CABT-B10601)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Native lysozyme, from urine.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	MZA-A
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, FC, IHC-P
Format	Liquid
Buffer	Phosphate buffered saline
Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

Introduction	This gene encodes human lysozyme, whose natural substrate is the bacterial cell wall peptidoglycan (cleaving the beta[1-4]glycosidic linkages between N-acetylmuramic acid and N-

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	acetylglucosamine). Lysozyme is one of the antimicrobial agents found in human milk, and is also present in spleen, lung, kidney, white blood cells, plasma, saliva, and tears. The protein has antibacterial activity against a number of bacterial species. Missense mutations in this gene have been identified in heritable renal amyloidosis. [provided by RefSeq, Oct 2014]
Keywords	LYZ; lysozyme; LZM; lysozyme C; c-type lysozyme; 1,4-beta-N-acetylmuramidase C;

GENE INFORMATION

Entrez Gene ID	4069
UniProt ID	P61626
Pathway	Amyloids, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Disease, organism-specific biosystem; Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem;
Function	hydrolase activity, acting on glycosyl bonds; lysozyme activity;

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