

RecomAb™

LYZ recombinant monoclonal antibody, clone R09-9D6

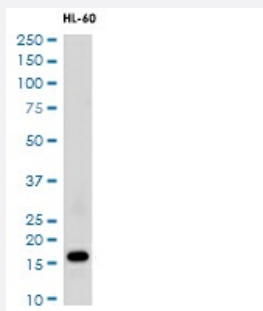
Catalog # RAB01311 Size 100 uL

Applications

Western Blot

Western blot analysis of Raf1 in C6, 3T3, Hela lysates using Raf1 antibody.

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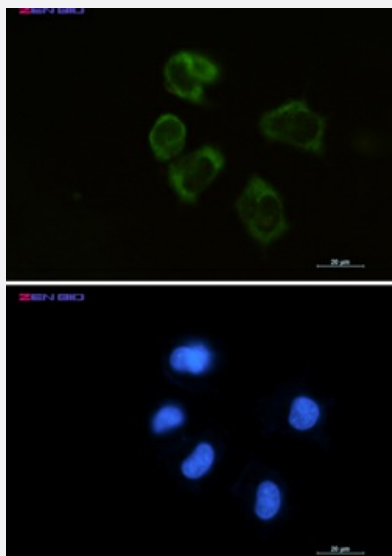


Western Blot

Western blot analysis of Lysozyme in HL-60 lysates using Lysozyme antibody.

Immunocytochemistry

Immunocytochemistry analysis of Lysozyme (green) in HEPG2 using Lysozyme antibody, and DAPI (blue).



Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human LYZ.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human LYZ.
Theoretical MW (kDa)	Calculated MW: 17 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Raf1 in C6, 3T3, Hela lysates using Raf1 antibody.

- Western Blot

Western blot analysis of Lysozyme in HL-60 lysates using Lysozyme antibody.

- Immunocytochemistry

Immunocytochemistry analysis of Lysozyme (green) in HEPG2 using Lysozyme antibody, and DAPI (blue).

- Immunocytochemistry

- Immunofluorescence
- Immunofluorescence
- Immunoprecipitation

Gene Info — LYZ

Entrez GeneID	4069
Protein Accession#	P61626
Gene Name	LYZ
Gene Alias	LZM
Gene Description	lysozyme (renal amyloidosis)
Omim ID	105200 153450
Gene Ontology	Hyperlink
Gene Summary	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-acetylglucosamine). Lysozyme is one of the anti-microbial agents found in human milk, and is also present in spleen, lung, kidney, white blood cells, plasma, saliva, and tears. Missense mutations in LYZ have been identified in heritable renal amyloidosis. [provided by RefSeq]
Other Designations	1,4-beta-N-acetylmuramidase C lysozyme lysozyme C

Disease

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- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)