

## Product datasheet

anti-Lysozyme mouse monoclonal, LYZ-Z, lyophilized, purified

### Short overview

<b>Cat. No.</b>	61083
<b>Quantity</b>	50 µg
<b>Concentration</b>	50 µg/ml after reconstitution with 1 ml dist. water

### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Clone</b>	LYZ-Z
<b>Immunogen</b>	Human lysozyme
<b>Formulation</b>	Lyophilized; reconstitute in 1 ml dist. water (final solution contains 0.09% sodium azide, 0.5% BSA in PBS buffer, pH 7.4)
<b>UniprotID</b>	P61626 (Human)
<b>Synonym</b>	Lysozyme C, EC 3.2.1.17, 1,4-beta-N-acetylmuramidase C, LYZ, LZM
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity chromatography
<b>Storage before reconstitution</b>	2-8°C until indicated expiry date
<b>Storage after reconstitution</b>	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
<b>Intended use</b>	Research use only
<b>Application</b>	ICC/IF, IHC, WB
<b>Reactivity</b>	Human
<b>No reactivity</b>	Rabbit

### Applications

<b>Immunocytochemistry (ICC)</b>	Assay dependent
<b>Immunohistochemistry (IHC) - frozen</b>	1:20
<b>Immunohistochemistry (IHC) - paraffin</b>	1:20 (microwave treatment recommended)
<b>Western Blot (WB)</b>	Assay dependent

### Background

LYZ-Z blocks the catalytic activity of human lysozyme. For immunohistochemical detection of histiocytic neoplasia and myeloid leukemias. Monocytic leukemia cells show strong positive immune reaction. Weak reaction is also found with granulocytes.

## Product images



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