

## 30-2112: FITC Conjugated Anti-Lysozyme Monoclonal Antibody (Clone:LZ598-10G9)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	LZ598-10G9
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	FITC
<b>Gene :</b>	LYZ
<b>Gene ID :</b>	4069
<b>Uniprot ID :</b>	P61627
<b>Alternative Name :</b>	Lysozyme C, 1,4-beta-N-acetylmuramidase C
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	human lysozyme

### Description

Lysozyme is anti-bacterial enzyme found mainly in milk, saliva, tears, plasma, spleen, mucus, and leukocytes (e.g. in cytoplasmic granules of neutrophils). It damages bacterial cell walls by hydrolysis of 1,4-beta-linkages between N-acetylmuramic acid and N-acetyl-D-glucosamine residues in a peptidoglycan and between N-acetyl-D-glucosamine residues in chitodextrins. Lysozyme is part of the innate immune system. It protects wet body surfaces, such as conjunctiva. Reduced lysozyme levels have been associated with bronchopulmonary dysplasia in newborns. On the other hand high lysozyme blood levels produced for example by myelomonocytic leukemia cells can lead to kidney failure and low blood potassium.

### Product Info

<b>Amount :</b>	0.1 mg
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

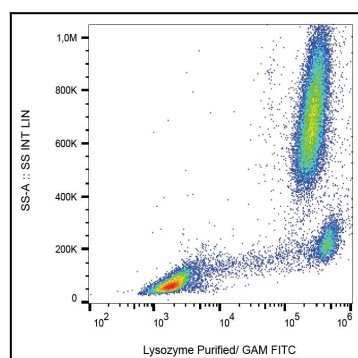


Figure 1: Intracellular staining of lysozyme in human peripheral blood with anti-lysozyme (LZ598-10G9) purified, GAM-FITC.