

For Research Use Only

# Biotin Anti-Mouse TER-119 (TER-119)

Catalog Number: **Biotin-65149**



## Basic Information

<b>Catalog Number:</b>	Biotin-65149	<b>GenBank Accession Number:</b>	<b>Purification Method:</b>
<b>Size:</b>	100ug , 500 ug/ml	<b>GenID (NCBI):</b>	Affinity purification
<b>Source:</b>	Rat	<b>Full Name:</b>	<b>CloneNo.:</b>
<b>Isotype:</b>	IgG2b, kappa	lymphocyte antigen 76	TER-119
			<b>Recommended Dilutions:</b>
			FC: 0.25 ug per 10 <sup>6</sup> cells in a 100 µl suspension
			<b>Excitation/Emission maxima wavelengths:</b>
			-

## Applications

<b>Tested Applications:</b>	<b>Positive Controls:</b>
FC	FC : mouse bone marrow cells,
<b>Species Specificity:</b>	

mouse

## Background Information

TER-119 is a mouse erythroid lineage-specific monoclonal antibody that reacts with erythroid cells at differentiation stages from early proerythroblast to mature erythrocyte, but not with cells showing typical erythroid blast-forming unit (BFU-E) and erythroid colony-forming unit (CFU-E) activities (PMID: 1975515; 10848813). TER-119 recognizes a 52-kDa molecule on erythrocyte membranes (PMID: 10848813). TER-119 antigen is a molecule associated with cell-surface glycophorin A but not with glycophorin A itself (PMID: 10848813).

## Storage

### Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

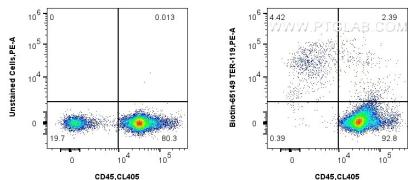
### Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

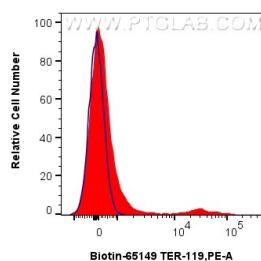
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug Biotin Anti-Mouse TER-119 (TER-119) (Biotin-65149, Clone: TER-119) or unstained, and Streptavidin-PE Conjugate (PE-PF00030). Cells were co-stained with Coralite® Plus 405 Anti-Mouse CD45 Rabbit Recombinant Antibody (CL405-98035, Clone: 240356D1). Cells were not fixed.



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug Biotin Anti-Mouse TER-119 (TER-119) (Biotin-65149, Clone: TER-119) (red) or unstained (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.