9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-2945: Anti-Human CD45 Monoclonal Antibody (Clone: LT45)

Clonality :	Monoclonal
Clone Name :	LT45
Application :	IP,FACS,WB
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	PTPRC
Gene ID :	5788
Uniprot ID :	P08575
Format :	Purified
Alternative Name :	protein tyrosine phosphatase receptor type C, LCA, T200, LY5, B220, GP180, TPC
Isotype :	Mouse IgG2a
Immunogen Information :	Human peripheral blood lymphocytes

Description

Specificity: The mouse monoclonal antibody LT45 recognizes an extracellular epitope on all alternative forms of human CD45 antigen (Leukocyte Common Antigen), a 180-220 kDa single chain type I transmembrane protein expressed at high level on all cells of hematopoietic origin, except erythrocytes and platelets.

Product Info

Amount :	0.1 mg (C100)
Purification :	Purified by protein-A affinity chromatography.
Content :	Concentration: 1 mg/ml Formulation: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-5 µg/ml.

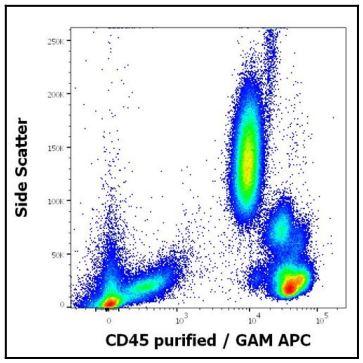


Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD45 (LT45) purified antibody (concentration in sample 2 µg/ml, GAM APC).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

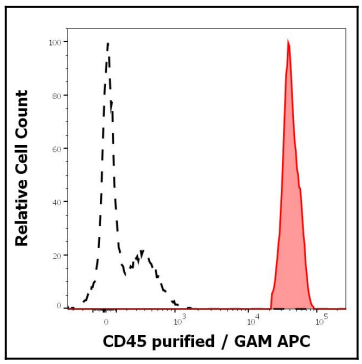


Figure 2: Separation of human lymphocytes (red-filled) from CD45 negative blood debris (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD45 (LT45) purified antibody (concentration in sample 2 µg/ml, GAM APC).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.