

## 10-4187: Monoclonal Antibody to CD24 (Clone: ML5)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ML5
<b>Application :</b>	IHC,FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	Unconjugated
<b>Gene :</b>	CD24
<b>Gene ID :</b>	100133941
<b>Uniprot ID :</b>	P25063
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Signal transducer CD24, Small cell lung carcinoma cluster 4 antigen
<b>Isotype :</b>	Mouse IgG2a Kappa
<b>Immunogen Information :</b>	Full length CD24 protein was used as the immunogen for this antibody.

### Description

The antigen is CD24 with a molecular weight of 35 - 45kD. The epitope has not been further characterized. Antigen distribution: Isolated cells: granulocytes. Tissue sections: B-cells (germinal centers weak); follicular dendritic cells; variety of epithelial cell types.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Flowcytometric analysis: 0.5-1/µg/10<sup>6</sup> Cells, Immunohistochemical analysis : 5-10 µg/ml

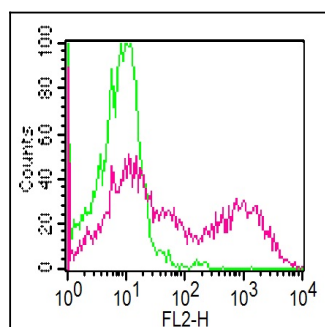


Figure-1: Cell surface flowcytometric analysis of CD24 in human PBMC (Lymphocytes) using 0.5 µg/10<sup>6</sup> Cells of Anti- CD24 antibody (Clone: ML5). Green represent isotype control and red represent Anti CD24 (10-4187 ABEOMICS). Goat Anti-mouse PE conjugate was used as the secondary antibody.

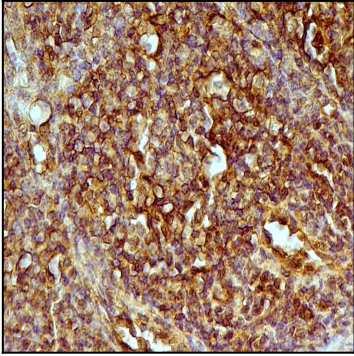


Figure-2: Immunohistochemical analysis of CD24 in Human Tonsil tissue using Anti-CD24 antibody (Clone: ML5) at 5  $\mu$ g/ml.