

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

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

Clonality: Monoclonal

Clone Name: ML5
Application: IHC,FACS
Reactivity: Human

**Conjugate :** Unconjugated

Gene : CD24
Gene ID : 100133941
Uniprot ID : P25063
Format : Purified

**Alternative Name:** Signal transducer CD24, Small cell lung carcinoma cluster 4 antigen

**Isotype:** Mouse IgG2a Kappa

**Immunogen Information:** 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**

**Amount :** 25 μg / 100 μg

**Purification:** Protein G Chromatography

**Content:** 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.

**Storage condition :** 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

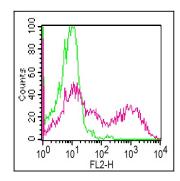


Figure-1: Cell surface flowcytometric analysis of CD24 in human PBMC (Lymphocytes) using 0.5  $\mu$ g/10^6 Cells of Anti- CD24 antibody (Clone: ML5). Green represent isotype control and red represent Anti CD24 (10-4187 ABEOMICS). Goat Anti-mouse PE conjugate was used as the secondary antibody.



9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

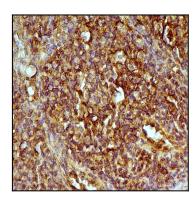


Figure-2: Immunohistochemical analysis of CD24 in Human Tonsil tissue using Anti-CD24 antibody (Clone: ML5) at 5  $\mu g/ml.$