

ANTI-HUMAN CD24

**FITC-Conjugated Monoclonal Antibody Against Human CD24
Clone 32D12**

Catalog # 10424

100 tests

PRODUCT DESCRIPTION:

CD24 (also known as Heat Stable Antigen) is a 35-45 kDa Glycosylphosphatidylinositol (GPI)-linked glycoprotein that is expressed throughout B-cell development, but lost at the plasma cell stage. CD24 is also expressed on mature granulocytes and epithelial cells.

CLONE: 32D12

ISOTYPE: IgG1, κ (mouse)

FORMULATION:

100 Tests in 2.0 mL of an aqueous buffered solution containing 0.09% (w/v) sodium azide
The antibody was purified from tissue hybridoma culture supernatant by Protein G affinity chromatography.

It should be kept in mind that this product is a biological reagent, and as such cannot be completely characterized or quantified. Some variability is unavoidable.

STABILITY AND STORAGE:

Store at 4°C. Do not freeze. Product is stable for at least 2 years.

Contents guaranteed sterile if seal is not tampered with.

APPLICATIONS AND DIRECTIONS FOR USE:

Flow cytometry:

Recommended amount per 1×10^6 cells in a volume of 100 μ L: 20 μ L.

Cell separation:

Positive selection or depletion of human CD24⁺ cells with StemCell's reagents for immunomagnetic cell separation. Please contact us for more information.

**THIS REAGENT IS FOR RESEARCH USE ONLY.
IT IS NOT TO BE ADMINISTERED TO HUMANS.**

StemCell Technologies

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REFERENCES:

1. Kay R, Rosten PM, Humphries RK. CD24, a signal transducer modulating B cell activation responses, is a very short peptide with a glycosyl phosphatidylinositol membrane anchor. J Immunol 147: 1412-1416, 1991.
2. CD24. In: The Leukocyte Antigen FactsBook. Barclay AN, Brown MH, Law SKA et al Eds. Academic Press Inc., San Diego, USA, 1997, pp192-193.
3. CD24. In: Leukocyte Typing VII. Mason D et al. Eds., Oxford University Press, Oxford UK, 2002, pp769-770.

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