

ANTI-HUMAN CD32

**Monoclonal Antibody Against Human CD32
Clone FLI8.26**

Catalog # 01435

100 mg

PRODUCT DESCRIPTION:

CD32 (also known as Fc γ RII) is a low-affinity receptor for aggregated immunoglobulin, expressed on monocytes, granulocytes, B cells and platelets.

Clone FLI8.26 was generated from BALB/c mice immunized with the K562 or Fc γ RII⁺ L cell lines.¹

CLONE: FLI8.26

ISOTYPE: IgG_{2b}, κ (mouse)

FORMULATION:

100 μ g in 0.1 mL (1 mg/mL) of Phosphate-buffered Saline (PBS). Does not contain sodium azide or albumin. 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 1x10⁶ cells in a volume of 100 μ L: \leq 1 μ g (1 μ L)

Cell separation:

Positive selection or depletion of human CD32⁺ cells with StemCell's reagents for immunomagnetic cell separation. Please contact us for more information.

Blocking of nonspecific antibody binding to monocytes and other Fc γ RII⁺ cells in positive selection or depletion of Fc γ RII⁻ cells.

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

REFERENCES:

1. Ierino FL, Hulett MD, McKenzie IF, Hogarth PM Mapping epitopes of human Fc gamma RII (CDw32) with monoclonal antibodies and recombinant receptors. J Immunol 150: 1794-803, 1993
2. Van de Winkel JGJ, Anderson CL. CD32 cluster workshop report. In: Leucocyte Typing V. Schlossman SF et al. Eds. Oxford University Press, Oxford UK, 1995, pp823-826.45
3. CD32. In: The Leukocyte Antigen FactsBook. Barclay AN, Brown MH, Law SKA et al Eds. Academic Press Inc., San Diego, USA, 1997, pp209-212.