

Datasheet

CD52 monoclonal antibody, clone HI186 (FITC)

Catalog Number: MAB4448

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native CD52.

Clone Name: HI186

Immunogen: Native purified CD52 from human tonsil.

Host: Mouse

Reactivity: Human

Applications: Flow Cyt, IHC-P
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody reacts with CD52 (CAMPATH-1), a 21-28 KDa glycoprotein containing a large N-linked carbohydrate moiety; mature CD52 molecule is actually much smaller (approx. 8-9 KDa). CD52 is expressed at high levels on lymphocytes, monocytes/macrophages and in male reproductive tract.

Form: Liquid

Conjugation: FITC

Isotype: IgG2b

Recommend Usage: Flow Cytometry (20 ul in human blood cells 100 ul in whole blood or 10^6 cells in a suspension)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.2% BSA, 0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1043

Gene Symbol: CD52

Gene Alias: CDW52

References:

1. Role of male reproductive tract CD52 (mrt-CD52) in reproduction. Koyama K, Ito K, Hasegawa A. Soc Reprod Fertil Suppl. 2007;63:103-10.
2. CD52 antigen--a review. Domagala A, Kurpisz M. Med Sci Monit. 2001 Mar-Apr;7(2):325-31.
3. Male-specific modification of human CD52. Schroter S, Derr P, Conradt HS, Nimtz M, Hale G, Kirchhoff C. J Biol Chem. 1999 Oct 15;274(42):29862-73.