

Datasheet

Cd38 monoclonal antibody, clone 90 (FITC)

Catalog Number: MAB5926

Regulatory Status: For research use only (RUO)

Product Description: Rat monoclonal antibody raised against native Cd38.

Clone Name: 90

Immunogen: Native purified Cd38 from mouse bone marrow pre-B cells.

Host: Rat

Reactivity: Mouse

Applications: Flow Cyt, IHC-Fr, IP
(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: Specificity CD38 (Mr 42-KDa), an immunoregulatory ectoenzyme

Form: Liquid

Conjugation: FITC

Isotype: IgG2a, kappa

Recommend Usage: Flow Cytometry (1 ug/10⁶ cells)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (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: 12494

Gene Symbol: Cd38

Gene Alias: Cd38-rs1

References:

1. Formation and hydrolysis of cyclic ADP-ribose catalyzed by lymphocyte antigen CD38. Howard M, Grimaldi JC, Bazan JF, Lund FE, Santos-Argumedo L, Parkhouse RM, Walseth TF, Lee HC. Science. 1993 Nov 12;262(5136):1056-9.
2. Expression cloning of a cDNA encoding a novel murine B cell activation marker. Homology to human CD38. Harada N, Santos-Argumedo L, Chang R, Grimaldi JC, Lund FE, Brannan CI, Copeland NG, Jenkins NA, Heath AW, Parkhouse RM, et al.. J Immunol. 1993 Sep 15;151(6):3111-8.
3. A B lymphocyte surface molecule mediating activation and protection from apoptosis via calcium channels. Santos-Argumedo L, Teixeira C, Preece G, Kirkham PA, Parkhouse RM. J Immunol. 1993 Sep 15;151(6):3119-30.