

Specification Sheet

Monoclonal Antibody Against Human DSCR (Down Syndrome Critical Region) -1

Code	2ATFE01
Clone No.	Hyb-Z7840
Source	Culture supernatant obtained by fusing the N-terminus (2-81 a.a.) of human DSCR-1L (long variant) with gp64 protein, presenting the protein on the surface of budded baculovirus, immunizing the baculovirus with <i>DSCR-1</i> knockout mice, fusing spleen cells from the immunized mice with mouse myeloma cells (NS-1), and then culturing the hybridoma obtained by the fusion in a serum-free medium
Specificity	This monoclonal antibody specifically reacts with human DSCR-1L, and does not react with human DSCR-1s (short variant).
Purification	ProteinA affinity filtration
Ig Class	IgG _{2b}
Form	PBS, pH7.2 (containing 0.1% NaN ₃)
Protein Concentration	0.5 mg/mL
Package	0.2 mL
Storage	Below -20°C. Avoid repeated freeze/thaw cycles.
Application	Western blotting

Reference 1) Minami T, et al: J Clin Invest. **119**(8): 2257-2270, 2009.



INSTITUTE OF IMMUNOLOGY Co., LTD.

1-1-10, Koraku, Bunkyo-ku, Tokyo, JAPAN 112-0004

Tel: +81-3-3814-4081 Fax: +81-3-3814-5957

e-mail: info@tokumen.co.jp

<https://www.tokumen.co.jp/en>

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