

Specification Sheet

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

Code	2ATFE02
Clone No.	Hyb-Z7937
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 gp64 transgenic 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 _{2a}
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.



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