

Specification Sheet

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

Code	2ATFE03
Clone No.	Hyb-Z8119
Source	Culture supernatant obtained by fusing the N-terminus (2-41 a.a.) of human DSCR-1s (short 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 reacts with human DSCR-1s and human DSCR-1L (long 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.



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