



Fig. 3. Many tumor cells have intracytoplasmic melanin pigments (Fontana-Masson stain). Bar = 50 μ m.

but the patient had bloody stools. Results from the histopathological examinations were consistent for pigmented neurofibroma, and excluded the possibility of leiomyoma, gastrointestinal stromal tumor and melanoma. According to Lin et al. (1997) who examined 14 neurofibromas with atypia, the Ki-67 index was less than 5% in 13 of the 14, and 10% in the rest: the factors

of low cellularity and low mitotic activity were associated with good prognosis. In the present case, the tumor cells showed no mitotic activity and the Ki-67 index was less than 1%. Therefore, a benign tumor was suspected. A follow up for the patient has been carefully done for about 10 months with no signs of recurrence.

Table 1. Immunohistochemical results of the tumor cells

Antibody to	Clone	Dilution	Source	Staining result
S-100 protein	Polyclonal	Prediluted	Nichirei, Tokyo, Japan	+
CD57 (Leu7)	Polyclonal	Prediluted	Becton-Dickinson, San Jose, CA	+
NSE	Polyclonal	Prediluted	Nichirei, Tokyo, Japan	+
Melan-A	M2-7C10	Prediluted	Nichirei, Tokyo, Japan	+ (focal)
HMB45	HMB45	Prediluted	DakoCytomation, Glostrup, Denmark	-
α -SMA	1A4	1:50	DakoCytomation, Glostrup, Denmark	-
Desmin	D33	Prediluted	Nichirei, Tokyo, Japan	-
CD34	NU-4A1	1:100	Nichirei, Tokyo, Japan	-
c-kit	104D2	1:200	DakoCytomation, Glostrup, Denmark	-
Ki-67	MIB-5	1:25	DakoCytomation, Glostrup, Denmark	< 1 %

NSE, neuron-specific enolase; α -SMA, α -smooth muscle actin.
+, positive; -, negative.

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