

MONOCLONAL ANTIBODY Villin

Cat. No.	Form	Quantity	Presentation
0258	Purified	0.2 mg	Freeze-dried

- Clone** ID2C3
- Isotype** IgG1 κ (mouse)
- Immunogen** Purified chicken villin
- Hybridoma** SP 2.0/Ag 14 myeloma cells x Balb/c spleen cells
- Specificity** The molecular weight of the recognized antigen is 58 kDa.
Recognizes porcine, chicken and human villin from cellular extract of the intestinal cell line HT29 and from human renal epithelial cells.
- Applications** Immunohistochemistry of gastro-intestinal cells in normal and tumoral tissues.
Investigation on the differentiation of "brush border" epithelia.
Studies of the cellular origin in human renal cell carcinoma.
- Buffer** 1 mg/ml bovine serum albumin in phosphate buffered saline
- Reconstitution and Storage** The freeze-dried form may be stored at 2-8°C until the expiration date. Reconstitute with 1 ml of distilled water. No preservative has been added. The reconstituted form may be stored at -20°C until the expiration date. Aliquotting is suggested to avoid multiple freeze-thaw cycles. The addition of sodium azide at 0.1% (w/v) is recommended for storage of the reconstituted form for up to one month at 2-8°C.
- Recommended Procedures** Immunohistochemistry:
Working dilution 1:50 to 1:100.
This antibody is suitable on frozen sections.
- References**
- 1) Robine, S., Huet, C., Mole, R., Sahuquillo-Merino, C., Coudrier, E., Zweibaum, A& Louvard, D., 1985, Proc. Natl. Acad. Sci., USA, **82**, Dec1985 Cell Biology, 8488-8492.
 - 2) Pringault, E., Arpin, M., Garcia, A., Finidori, J.& Louvard P., 1986, J. EMBO, **15**, 3119-3124.
 - 3) Grone, H.J., Weber, K., Helmchem, U. & Osborn, M., 1986, Am. J. Pathology, **124**, 294-302.

October 21, 1994

