

Serotonin Ab-1

Catalog # MS-1431-S0, -S1, or -S (0.1ml, 0.5ml, or 1.0ml)

Catalog # MS-1431-R7 (7.0ml)

Catalog # MS-1431-PCS

INTENDED USE:

- **For In Vitro Diagnostic Use:** This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
- **Description:** Serotonin-positive cells are present in gastric, duodenal, jejunal, ileal, colonic, and appendiceal mucosae. Positive cells are sparse and usually occur in the lower half of the gastric and intestinal mucosae. In the appendix, in addition to the mucosal serotonin-containing cells, there are single or small clusters of serotonin-positive cells in the sub-epithelial region of the lamina propria.
- **Expected Staining Pattern:** Cytoplasmic
- **Positive Control:** Appendix

MATERIALS PROVIDED:

Serotonin Ab-1 (refer to catalog number):

- #MS-1431-S (or -S0, -S1): Tissue culture supernatant, concentrated, with 0.09% Sodium Azide.
or
- #MS-1431-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.
or
- #MS-1431--PCS: 5 positive control slides.
- **Antibody Concentration:** Not known
- **Host:** Mouse
- **Epitope:** Not determined
- **Species Reactivity:** Human. Others not known.
- **Clone Designation:** 5HT-H209
- **Ig Isotype / Light Chain:** IgG1 / kappa
- **Immunogen:** 5-Hydroxytryptamine hydrochloride (3-(2-aminoethyl)-5-hydroxyindole;serotonin).
- **Microbiological State:** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED:

- **Antibody Diluent:** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.
- **Negative Control Reagent:** Refer to the "General Protocol" instructions.
- **Visualization System:** Refer to the "General Protocol" instructions.

METHODS AND PROCEDURES:

Specimen Preparation	Refer to the "General Protocol" instructions.
Dilution of Concentrated Antibody	1:20-1:40 in antibody diluent
Tissue Section Pretreatment	Staining of formalin-fixed tissue sections requires treating the tissue sections in Protease XXV at 1 mg/ml PBS, (Lab Vision Catalog # AP-9004) for 5 minutes at 37C.
Primary Antibody Incubation Time	60 minutes at Room Temperature
Visualization	To detect antibody, follow the instructions provided with the visualization system.

STORAGE and STABILITY:

This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

REFERENCES:

- 1) Lindgren P G, et al. (1984) Am J Surg, 148:353-356.