

Pt. Name:	أميمة عبد الله علي جباري			Lab Number:	3719-2026
Pt. Age:	49 years.	Gender:	Female	Received date:	2026-06-02
Referred By:	أ.د/ علي عبد الله الأشول			Reported date:	2026-06-18

PATHOLOGY REPORT	
Clinical Information.	Referred paraffin block for immunostaining of descending colon annular fungating ulcerated mass.
Nature of specimen.	Immunohistochemistry

GROSS:

One referred paraffin block.

MICROSCOPIC:

Partially ulcerated mucosal fragments show adenocarcinoma composed of irregular infiltrating glands, focal cribriform architecture, and malignant epithelial cells exhibiting moderate nuclear pleomorphism, hyperchromatic enlarged nuclei, conspicuous nucleoli, and moderate eosinophilic cytoplasm. Frequent mitotic figures are identified, and tumor groups are set within a desmoplastic stroma.

Immunostaining was done with appropriate positive and negative controls and revealed: retained nuclear expression of MLH1, PMS2, MSH2, and MSH6 in tumor cells.

DIAGNOSIS:

Descending colon mass, endoscopic biopsy and immunostaining:

- Adenocarcinoma, grade 2.
- Retained nuclear expression of MLH1, PMS2, MSH2, and MSH6.
- No evidence of mismatch repair protein loss identified.
- Findings are consistent with microsatellite stable status.

Comment:

The retained expression of all mismatch repair proteins indicates an intact mismatch repair system and does not support microsatellite instability.

Pathologist
Prof. Dr. Neveen Tahoun, MD, PhD
18-06-2026

Nerveen Tahoun