

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 59539

Title: Detection of fucosylated haptoglobin using the 10-7G antibody as a biomarker for evaluating endoscopic remission in ulcerative colitis

Reviewer's code: 03249854

Position: Peer Reviewer

Academic degree: MD

Professional title: Chief Doctor, Professor, Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: Japan

Manuscript submission date: 2020-09-25

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-10-14 01:49

Reviewer performed review: 2020-10-19 04:39

Review time: 5 Days and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This study investigated the usefulness of the 10-7G value as a novel, potential serum biomarker for monitoring disease activity of IBD. By comparing 10-7G values with several conventional serum biomarkers, this study found out that positive 10-7G mAb staining was observed in the intestinal tissues of UC patients. Besides, 10-7G values were significantly higher in patients with UC, CD, and AE as compared to HVs. What's more, 10-7G values reflecting an inflammatory condition were correlated with CRP. Finally, with the analysis of ROC, 10-7G value is confirmed to be a useful biomarker for evaluating endoscopic mucosal healing in UC patients. It's a novel and interesting finding. But, this paper still have some problems: First, the flow chart of detection methods mentioned in this article was deficient, which was hard to understand the author's intention. Second, the number of patients with CD or UC with resected intestinal tissue sections undergoing immunohistochemistry testing was ambiguous respectively.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Title: Detection of fucosylated haptoglobin using the 10-7G antibody as a biomarker for evaluating endoscopic remission in ulcerative colitis

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Professional title: Chief Doctor, Professor, Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: Japan

Manuscript submission date: 2020-09-25

Reviewer chosen by: Chen-Chen Gao

Reviewer accepted review: 2020-11-12 10:45

Reviewer performed review: 2020-11-14 13:00

Review time: 2 Days and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS



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Author has made the modifications accordingly. I consider the paper should be accepted.