



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 54705

Title: Prognostic significance of KIF23 expression in gastric cancer

Reviewer's code: 05261051

Position: Peer Reviewer

Academic degree: FCCP, FRCP (Hon), PhD

Professional title: Professor

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: China

Manuscript submission date: 2020-04-14

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-04-14 11:20

Reviewer performed review: 2020-05-10 11:36

Review time: 26 Days

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input 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 Grade E: Do not publish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 type="checkbox"/> Yes <input checked="" 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



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

SPECIFIC COMMENTS TO AUTHORS

Gastric cancer is characterized by insidious onset and lack of early clinical symptoms. However, most patients are diagnosed in the middle and advanced stages, which misses the best surgical treatment window and greatly affects prognosis. Surgical resection combined with radiotherapy and chemotherapy is the main treatment method for gastric cancer, but due to the characteristics of postoperative recurrence, high metastasis rate, and frequent drug resistance, the 5-year survival rate of gastric cancer is only about 40%. The KIFs are microtubule-associated movement proteins that mediate multiple functions. Their abnormal expression plays an important role in tumorigenesis and development. KIF23 is a member of the KIF family, and it plays an important role in mitosis and cytokinesis. Loss of expression can cause mitotic arrest. In recent years, research on the role of KIFs in tumors has received increasing attention. By querying the database, differences in expression between tumor tissue and normal tissue can be determined. Clinicopathological factors can also be analyzed based to find differentially expressed genes in certain cancers and guide research. In this study, the immunohistochemistry was used to detect expression level of KIF23 protein in gastric cancer and adjacent normal tissue, and analyzed the association between KIF23 protein expression and clinicopathological factors, and the association between expression of KIF23 mRNA and prognosis in gastric cancer, which may provide evidence for further research on the role of KIF23 in gastric cancer was analyzed. The design of the study is good. Methods are very clear, and in detail. Results are very interesting. Minor comments: 1. Manuscript required a minor editing. Some minor language polishing should be corrected. 2. Figures and tables are very good. However, the figures are too small. Images should be updated. 3. Reference list is reasonable. However, the style should be improved according to the journal's guidelines.



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Title: Prognostic significance of KIF23 expression in gastric cancer

Reviewer's code: 05261050

Position: Peer Reviewer

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Reviewer's Country/Territory: Spain

Author's Country/Territory: China

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-04-17 09:27

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Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input 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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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



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SPECIFIC COMMENTS TO AUTHORS

This is an interesting study of the prognostic significance of KIF23 expression in gastric cancer. This study is very designed and the results are very interesting. Thank you.



PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 54705

Title: Prognostic significance of KIF23 expression in gastric cancer

Reviewer's code: 05261054

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Professional title: Associate Professor, Research Scientist, Senior Lecturer

Reviewer's Country/Territory: United States

Author's Country/Territory: China

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Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input 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



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SPECIFIC COMMENTS TO AUTHORS

KIF23 is a member of the KIF family, and it plays an important role in mitosis and cytokinesis. Loss of expression can cause mitotic arrest. In this study, the authors analyzed the association between expression of KIF23 mRNA and prognosis in gastric cancer. The sample size is large, and the methods are very clearly listed. Results are interesting and reasonable. Data in the tables are good. However, the tables required an editing. A proof reading of the main text is required. Some minor language polishing should be revised.