

BULK ANTIBODIES  
for *in vivo*  
RESEARCH

$\alpha$ -CD4

$\alpha$ -CD8

$\alpha$ -CD25

$\alpha$ -NK1.1

$\alpha$ -Ly6G

Discover More

BioCell



## Retraction: Endogenous IL-15 Sustains Recruitment of IL-2R $\beta$ and Common $\gamma$ and IL-2-Mediated Chemokine Production in Normal and Inflamed Human Gingival Fibroblasts

This information is current as of November 18, 2018.

Akiko Ozawa, Hiroyuki Tada, Yumiko Sugawara, Akiko Uehara, Takashi Sasano, Hidetoshi Shimauchi, Haruhiko Takada and Shunji Sugawara

*J Immunol* 2009; 183:2193; ;  
doi: 10.4049/jimmunol.0990052  
<http://www.jimmunol.org/content/183/3/2193>

Why *The JI*? [Submit online.](#)

- **Rapid Reviews! 30 days\*** from submission to initial decision
- **No Triage!** Every submission reviewed by practicing scientists
- **Fast Publication!** 4 weeks from acceptance to publication

*\*average*

**Subscription** Information about subscribing to *The Journal of Immunology* is online at: <http://jimmunol.org/subscription>

**Permissions** Submit copyright permission requests at: <http://www.aai.org/About/Publications/JI/copyright.html>

**Email Alerts** Receive free email-alerts when new articles cite this article. Sign up at: <http://jimmunol.org/alerts>

*The Journal of Immunology* is published twice each month by  
The American Association of Immunologists, Inc.,  
1451 Rockville Pike, Suite 650, Rockville, MD 20852  
Copyright © 2009 by The American Association of  
Immunologists, Inc. All rights reserved.  
Print ISSN: 0022-1767 Online ISSN: 1550-6606.



## Letter of Retraction

We wish to retract the article titled “Endogenous IL-15 Sustains Recruitment of IL-2R $\beta$  and Common  $\gamma$  and IL-2-Mediated Chemokine Production in Normal and Inflamed Human Gingival Fibroblasts,” by Akiko Ozawa, Hiroyuki Tada, Yumiko Sugawara, Akiko Uehara, Takashi Sasano, Hidetoshi Shimauchi, Haruhiko Takada and Shunji Sugawara, *The Journal of Immunology*, 2004, 173: 5180–5188.

This retraction follows a preliminary investigation by Tohoku University into scientific misconduct. The investigation pointed out that GAPDH bands in Figs. 1, 3, and 7 are the same and that a part of the data in Fig. 5 is unnatural and wrong. We could not counter the argument by adducing raw data at the investigation. Therefore, we wish to retract the manuscript.

We deeply regret these errors and apologize to the scientific community for the need to retract the manuscript.

Akiko Ozawa  
Hiroyuki Tada  
Yumiko Sugawara  
Takashi Sasano  
Hidetoshi Shimauchi  
Shunji Sugawara  
Tohoku University  
Graduate School of Dentistry  
Sendai  
Japan

[www.jimmunol.org/cgi/doi/10.4049/jimmunol.0990052](http://www.jimmunol.org/cgi/doi/10.4049/jimmunol.0990052)