



**DEVELOPMENTAL STUDIES HYBRIDOMA BANK**  
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**326PM2**

(Only cell products will be distributed)

**INVESTIGATOR**

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**IMMUNOGEN**

**Substance**

**Name** Parvimonas micra, strains OMZ 459, ATTC 33270  
**Origin** OMZ 459: Own isolate from subgingival plaque  
ATCC 33270: AJ van Winkelhoff, ACTA, Amsterdam, The Netherlands

**Chemical Composition** intact bacteria, pasteurized

**Developmental Stage**

**IMMUNIZATION PROTOCOL**

**Donor Animal**

**Species** mouse  
**Strain** Balb/c  
**Sex** female  
**Organ and tissue** spleen

**Immunization**

**Dates immunized** 20 September 1993, and 8 October 1993  
**Amount of antigen** approximately  $10^8$  bacteria  
**Route of immunization** intraperitoneal  
**Adjuvant** none

**FUSION**

**Date** 13 December 1993

**Myeloma cell line**

**Species** mouse  
**Designation** SP2/0-Ag14

**MONOCLONAL ANTIBODY**

**Isotype** IgG3

**Specificity**

**Cell binding** yes  
**Immunohistology** not tested  
**Antibody competition**

**Species Specificity** Parvimonas micra all bacteria

**ANTIGEN**

**Chemical properties**

**Molecular weight**

**Characterization**

**Immunoprecipitation**  
**Immunoblotting** yes  
**Immunofluorescence** yes  
**Purification**  
**Amino acid sequence analysis**

**Functional effects**

**Immunohistochemistry** surface antigen

\*Cell lines will be distributed only with written consent from the director of the Institute of Oral Biology, University of Zuerich, Zuerich, Switzerland. Contact the DSHB for details ([dshb@uiowa.edu](mailto:dshb@uiowa.edu)).

**PUBLICATIONS :**

Gmür, R. (1995). Value of new serological probes for the study of putative periodontal pathogens. Carol Stream, IL: Quintessence Publishing Co., Inc.

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- Gmür, R., and Thurnheer, T. (1996). Monoclonal antibodies for the rapid identification in clinical samples of *Peptostreptococcus micros* and *Actinobacillus actinomycetemcomitans* serotypes a, d, and e. *Med. Microbiol. Lett.* 5, 335-349.
- Gmür, R., Marinello, C.P., and Guggenheim, B. (1999). Periodontitis associated bacteria in supragingival plaque of dental hygienists: stability of carrier state and clinical development. *Eur. J. Oral Sci.* 107, 225-228.
- Kamma, J.J., Nakou, M., Gmür, R., and Baehni, P.C. (2004). Microbiological profile of early onset/aggressive periodontitis patients. *Oral Microbiol. Immunol.* 19, 314-321.

### ACKNOWLEDGMENTS STATEMENT

We have been asked by NICHD to ensure that all investigators include an acknowledgment in publications that benefit from the use of the DSHB's products. We suggest that the following statement be used:

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