

# PRODUCT DATASHEET

## Anti-RgpB (arginine-gingipain B) [18E6] Cat. #157694

### Contributor Information

**Institute** University of Georgia

### Tool Details

**Tool Name:** Anti-RgpB (arginine-gingipain B) [18E6]

**Tool type:** Antibodies

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Application:** IHC ; IP ; WB

**Description:** The antibody 18E6 recognizes a unique epitope within the immunoglobulin (Ig)-like domain of RgpB. This antibody is reactive against the protein RgpB from Porphyromonas gingivalis.

**Isotype:** IgG1

**Research area:** Bacteriology; Microbiology; Drug Discovery & Development

**For Research Use Only**

### Target Details

**Target:** arginine-gingipain B (RgpB) from Porphyromonas gingivalis

**Target background:** The secreted protein RgpB is a member of the gingipain protease family and participate in the pathogenicity of Porphyromonas gingivalis, an oral pathogen that can induce periodontal disease. RgpB has also been detected in the brains of Alzheimer's disease patients with levels correlating with disease markers.

### Application Details

**Application:** IHC ; IP ; WB

### Handling

**Format:** Liquid

**Concentration:** 0.9-1.1mg/ml

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** -15°C to -25°C

**Shipping conditions:** Shipping at 4°C

### References

Dominy et al. 2019. Sci Adv. 5(1):eaau3333. PMID: 30746447.

Nguyen et al. 2007. J Bacteriol. 189(3):833-43. PMID: 17142394.

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