



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-Bordetella pertussis lipooligosaccharide [HBp2] Standard Size Ab04459-23.0

**Isotype and Format:** Rabbit IgG, Lambda

**Clone Number:** HBp2

**Alternative Name(s) of Target:**

**UniProt Accession Number of Target Protein:**

**Published Application(s):** neutralization, RIA, WB, ELISA

**Published Species Reactivity:** Bordetella pertussis

**Immunogen:** The original antibody was raised from splenic lymphocytes isolated from fresh human spleen tissue, that were immunized in vitro against Bordetella pertussis lipooligosaccharide.

**Specificity:** This antibody is specific for B. pertussis strains 9340 and Tohama 1, but not other strains

**Application Notes:** The original antibody was used for a dot blot on different bacteria lysates. This antibody was used for a radioimmunoassay on live bacteria, this antibody bound to surface-exposed epitopes on B. pertussis strains 9340 and Tohama 1, but not other strains. The biological activity of this antibody against B. pertussis and B. bronchiseptica was assessed. It showed a high degree of killing on B. pertussis strain 9340. This antibody was used for an ELISA on B. pertussis OMP preparations (Brodeur et al., 1991; PMID:1721552).

**Antibody First Published in:** Brodeur et al. Biological activity of a human monoclonal antibody to Bordetella pertussis lipooligosaccharide Hum Antibodies Hybridomas. 1991 Oct;2(4):194-9. [PMID:1721552](#)

**Note on publication:** The original paper generated heterohybridoma cell line HBp2 secreting human monoclonal antibody (hMAb) directed against Bordetella pertussis by fusing SP2/HPT heteromyeloma cells with human spleen lymphocytes, after in vitro stimulation for 6 days.

### Product Form

**Size:** 100 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.