

**Product:** Anti-Bombesin  
**Catalog #:** 03-11182  
**Amount:** 100 ml

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**CATEGORY:** Rabbit polyclonal  
**IMMUNOGEN:** Synthetic frog bombesin conjugated to bovine thyroglobulin  
**FORM:** Serum containing 0.09% sodium azide  
**DESCRIPTION/SPECIFICITY:** The polyclonal antibody can be used for the study of endocrine differentiation in tumors of the respiratory tract.  
**POSTIVE CONTROL:** Gut (peripheral nerves), fetal lung  
**SPECIES TESTED:** Human, rat, mouse, frog  
**APPLICATION:** Immunohistochemistry, suitable for frozen and paraffin sections (proteolytic pretreatment recommended, see protocol)  
**WORKING DILUTION:** 1:25 for immunohistochemistry, dilute immediately before use  
**DILUTION BUFFER:** PBS containing 1% BSA and 0.1% NaN<sub>3</sub>  
**STORAGE:** 2-8°C for immediate use, or at -20°C (aliquot)

**Protocol for the use of anti -Bombesin on paraffin-embedded tissue sections:**

**Fixation:**

Small tissue blocks are fixed in 4% buffered formaldehyde (pH 7.6) at 4°C. Th fixation time **should not** exceed 12 h. During the embedding process temperatures should not exceed 58°C.

**Staining Procedure:**

Deparaffinize and rehydrate sections.

If necessary, block endogenous peroxidase activity (0.3% H<sub>2</sub>O<sub>2</sub> in 50% methanol, 15 min).

Rinse in PBS 3X.

Incubate for 5 min in 0.1% pronase in PBS at 37°C. Rinse with PBS 3X.

Apply properly diluted anti-Bombesin antibody (1:50) and incubate for 30 min at room temperature of overnight at 2-8°C.

Rinse 3X.

Apply conjugates antibody. Rinse in PBS 3X.

Apply substrate.

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