



Specializing in custom-made chicken antibodies against "difficult" antigens.

PRODUCT SPECIFICATIONS

- Product Description:** **BLOKHEN II™**
- Catalog Number:** BH-1001
- Physical State:** Liquid, 100 mls, Sterile
- Preservative:** 0.02% (w/v) sodium azide (Note: **BLOKHEN II™** is meant to be used as a *pre*-blocking reagent, and is *not* meant to be mixed with secondary antibodies. Therefore, one may still use horseradish peroxidase-labeled secondary antibodies with **BLOKHEN II™** - treated blots, in spite of the presence of azide in undiluted **BLOKHEN II™**)
- Quality Control:** **BLOKHEN II™** was analyzed by enzyme-linked immunosorbent assays using nitrocellulose membranes. **BLOKHEN II™** (diluted to 10% in water) was found to decrease non-specific chicken antibody binding by > 95%.
- Recommended Storage Conditions:** **Store at room (ambient) temperature.** Do not put in the refrigerator or freezer, otherwise crystals will form which can cause background problems. At room temperature, **BLOKHEN II™** should have a shelf life of at least 12 months.
- Recommended Usage:** **BLOKHEN II™** is meant to be diluted with phosphate buffered isotonic saline (PBS). The extent of dilution will vary from one application to another, but should be in the range of 1:5 to 1:20.

Western Blots. After transferring proteins from your gel onto nitrocellulose, incubate the membrane with diluted **BLOKHEN II™** for 1 hour at room temperature with gentle agitation. The blots should then be washed for 15 minutes with PBS prior to addition of primary antibody. It is *not* necessary to dilute your chicken antibodies or secondary anti-chicken IgY reagents with **BLOKHEN II™**. Instead, dilute these reagents in PBS with 0.1% (w/v) of a non-ionic detergent, such as triton X-100 or TWEEN-20.

Immunocytochemistry. In a manner similar to that described above for western blots, pre-block your paraformaldehyde-fixed cultured cells or tissue sections with diluted **BLOKHEN II™** for 1 hour at room temperature. Then, wash off the **BLOKHEN II™** with PBS prior to addition of chicken antibodies (diluted in PBS with 0.1% non-ionic detergent).

Note: These antibodies are meant to be used as research laboratory reagents and are not for diagnostic purposes or for therapeutic usage in humans.