



**Chickens make *better* antibodies.**

## Product Data Sheet

**Catalog Number:** BH-1001

**Description:** BlokHen II™

**Volume:** 100 mL

**Preservative:** 0.02% (w/v) sodium azide

**Physical State:** Liquid, Sterile

**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%.

**Storage:** **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 Dilutions:** 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).

*Aves Labs products are intended for use as research laboratory reagents.  
They are not intended for use as diagnostic or therapeutic reagents in humans.*