ImmunoBioScience Corp. (IBSC) ***Data sheet***

Immuno Protein Blocking Solution with Bovine serum *Ready-to-use*

**Catalog number: AR-6588-02 (100 ml)**

**AR-6588-04 (500 ml)**

**Description**: The serum used to make this blocking solution is obtained from pools of healthy adult animals. The serum is heat inactivated at 56ºC for 60 minutes and dilpidated and filtered. The serum is tested with appropriate biotinylated antibody for cross-reactivity.

**Immuno protein blocking solutions is ready to use and do not contain azide or phosphate buffers.**

**Storage:** Store at 2-8ºC.

.**Intended Use**: This Immuno Protein Blocking solutions can be used in with all Immunoassays IHC, ICC, WB, ELISA) to reduce non-specific background and conserved sequence.

***It is recommended that this Immuno Blocking solution should be used from the same host animal where the labeled secondary antibody is produced; e.g. if the labeled secondary antibody is made in bovine, the blocking should be one with bovine serum (AR-6588).***

**Reagent:** Bovine serum supplied in tris buffered saline with 0.05% Proclin,0.01% blue food dye.

**Procedure: Here is protocol for Immunohistochemistry (IHC) and Immunocytochemistry (ICC)**

1. If tissues are used, deparafinize and hydrate tissue sections through xylene or other clearing agents and graded alcohols.(For frozen sections or cell smears; use unfixed, acetone fixed or appropriate fixative for the antigen in question; **for cell smears it may be necessary to permealize the cell by detergent, please refer to antibody protocol.**
2. Wash 2-3 with distilled or deionized water.
3. Incubate sections/cell smear in Endoblocker (#1) for 5-10 minutes at room temperature or 37°C.

**Note: If antigen retriever is required it can be applied after this stage.**

1. Wash slide with PBS or Tris saline **(with 0.02-0.05% nonionic detergent, Triton X100, Tween 20 or NP-40)** or washing buffer (Immuno Automation buffer IBSC cat # AR-6561) 3-5X.
2. Incubate sections/ cell smear in Immuno Protein blocking solution **(diluted animal serum)**, for 10 minutes. at RT or 37ºC or as suggested in your protocol.
3. Wash slide with PBS 1X.
4. *Follow instructions for IHC*

**These Immuno Blocking solutions can be also used in WB and ELISA assays.**

**Limitation and warranty:** Our warranty is limited to the actual price paid for the product. We are not liable for any property damage, personnel injury, time, effort or economic loss due to our product.

**MSDS:** This product contains 0.05% Proclin as a preservative, appropriate care should be taken in handling. Use appropriate laboratory gear, lab coat , gloves and safety glasses. Do not ingest any laboratory products. This product is not approved for administration in human or animals.

**For research use only; not for use in diagnostic procedures. FOR IN VITRO LABORATORY USE ONLY**

**“*In vitro* laboratory products for research”**

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