

## Anti-IL-11 Antibody

Catalog Number: A01160-3

### About IL11

This protein mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a sodium-selective channel through which Na<sup>+</sup> ions may pass in accordance with their electrochemical gradient. This sodium channel may be present in both denervated and innervated skeletal muscle.

George A.L. Jr., Ann. Neurol. 31:131-137(1992).

Wang J., Biochem. Biophys. Res. Commun. 182:794-801(1992).

Tsujino A., Proc. Natl. Acad. Sci. U.S.A. 100:7377-7382(2003).

### Overview

|                      |                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-IL-11 Antibody                                                                                                                        |
| Reactive Species     | Human, Mouse, Rat                                                                                                                          |
| Description          | Boster Bio Anti-IL-11 Antibody catalog # A01160-3. Tested in ELISA, IHC applications. This antibody reacts with Human, Mouse, Rat.         |
| Application          | ELISA, IHC                                                                                                                                 |
| Clonality            | Polyclonal                                                                                                                                 |
| Formulation          | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                    |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host                 | Rabbit                                                                                                                                     |
| Uniprot ID           | P20809                                                                                                                                     |

### Technical Details

|                            |                                               |
|----------------------------|-----------------------------------------------|
| Immunogen                  | Synthesized peptide derived from human IL-11. |
| Predicted Reactive Species | Boar, Bovine, Canine, Golden Hamster          |
| Cross Reactivity           | No cross reactivity with other proteins.      |
| Isotype                    | IgG                                           |
| Form                       | Liquid                                        |
| Concentration              | 1 mg/ml                                       |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purification        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                  |
| Suggested Dilutions | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>IHC 1:100-1:300</p> <p>ELISA 1:5000</p> |

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