

Product no **AS10 1146****Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, HRP conjugated, min, cross-reactivity to bovine, human, mouse IgG/serum****Product information**

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| <b>Host</b>                   | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Clonality</b>              | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>                 | Immunogen affinity purified IgG, F(ab)'2 fragment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Format</b>                 | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Quantity</b>               | 0.5 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reconstitution</b>         | For reconstitution add 0.55 ml of sterile water. Let it stand 30 minutes at room temperature to dissolve. Prepare fresh working dilutions daily                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>                | Store lyophilized material at 2-8°C. For long time storage after reconstitution, dilute the antibody solution with glycerol to a final concentration of 50% glycerol and store as liquid at -20°C, to prevent loss of enzymatic activity. For example, if you have reconstituted 1 mg of antibody in 1.1 ml of sterile water add 1.1 ml of glycerol. Such solution will not freeze in -20°C. If you are using a 1:5000 dilution prior to diluting with glycerol, then you would need to use a 1:2500 dilution after adding glycerol. Prepare working dilution prior to use and then discard. Be sure to mix well but without foaming. |
| <b>Additional information</b> | <p>This antibody reacts with: heavy chains on rabbit IgG light chains on all rabbit immunoglobulins based on immunoelectrophoresis.</p> <p>Minimum cross-reactivity is observed to: non-immunoglobulin rabbit serum proteins serum proteins from bovine, human or mouse IgG from human or mouse.</p> <p>Antibody is supplied in 10 mM sodium phosphate, 150 mM sodium chloride, pH 7.2, 1% (w/v) BSA, Protease/IgG free and 0.1% (v/v) Kathon CG is used as preservative. Use of sodium azide will inhibit enzymatic activity of horseradish peroxidase.</p>                                                                          |

**Application information**

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| <b>Recommended dilution</b> | 1 : 500-1 : 5000 (IHC), 1 : 10 000-1 : 50 000 (WB)                                                                                                                                                                  |
| <b>Selected references</b>  | <a href="#">Banday</a> and Lajon (2017). Elevated systemic glutamic acid level in the non-obese diabetic mouse is Idd linked and induces beta cell apoptosis. Immunology. 2017 Feb;150(2):162-171. doi: 10.1111/imm |