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**Product no** AS10 1524

# Rabbit anti-Rat IgG (H&L), HRP conjugated

## Product information

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| **Immunogen** | Purified rat IgG (H&L) |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Purity** | Immunogen affinity purified rabbit IgG. |
| **Format** | Lyophilized |
| **Quantity** | 1 mg |
| **Reconstitution** | For reconstitution add 1,1 ml of sterile water, Let it stand 30 minutes at room temperature to dissolve, Prepare fresh working dilutions daily |
| **Storage** | 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. |
| **Additional information** | Purity of this preparation is > 95% based on SDS-PAGE. Antibody concentration is 1.0 mg/ml. Antibody is supplied in 10 mM sodium phosphate, 0.15 M sodium chloride, pH 7.2.1 % (w/v) B, Protease/IgG free. Contains 0.1 % (v/v) Kathon CG as preservative of bacterial growth.<br><br>Based on immunoelectrophoresis, this antibody reacts with: heavy chains on rat IgG, light chains on all rat immunoglobulins. Based on immunoelectrophoresis, no reactivity is observed to: non-immunoglobulin rat serum proteins. |

## Application information

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| **Recommended dilution** | This conjugate is suitable for all immunoassay applications, The optimal working dilution should be determined by the investigator |
| **Selected references** | Quian et al. (2015). Bone Marrow-Derived Mesenchymal Stem Cells Repair Necrotic Pancreatic Tissue and Promote Angiogenesis by Secreting Cellular Growth Factors Involved in the SDF-1 /CXCR4 Axis in Rats. Stem Cells International Volume 2015 (2015), Article ID 306836. |