Normal Rabbit IgG

For Research Use Only. Not for Use in Diagnostic Procedures.

<table>
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<th>Applications:</th>
<th>Concentration:</th>
<th>Sensitivity:</th>
<th>Source/Isotype:</th>
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<tbody>
<tr>
<td>IP, ChIP</td>
<td>1 mg/ml</td>
<td>Endogenous</td>
<td>Rabbit</td>
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**Product Usage Information**

*Important!* Dilute this control antibody to the same concentration (not dilution) as the specific test antibody in the chromatin immunoprecipitation. This is typically 1 μl (1 μg) to 5 μl (5 μg) of control antibody for one immunoprecipitation. Higher background signal may result if an excessive amount of rabbit IgG isotype control is used.

**Storage**

Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA and 50% glycerol. Store at –20°C. *Do not aliquot the antibody.*

**Source / Purification**

The purified antibody is not directed against any known antigen. It was isolated from naive rabbit sera and prepared by Protein A chromatography.

**Product Description**

Normal Rabbit IgG is an unconjugated rabbit polyclonal antibody that is routinely used as a non-specific IgG control in chromatin immunoprecipitation using our SimpleChIP® Enzymatic Chromatin IP Kits #9002 and #9003.

**Background**

Normal Rabbit IgG is an isotype control antibody, which is used to estimate the non-specific binding of target primary antibodies due to Fc receptor binding or other protein-protein interactions. An isotype control antibody should have the same immunoglobulin type and be used at the same concentration as the test antibody.

**Species Reactivity**

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

**Applications Key**

- IP: Immunoprecipitation
- ChIP: Chromatin IP

**Cross-Reactivity Key**

- H: human
- M: mouse
- rat
- Hm: hamster
- Mk: monkey
- Vir: virus
- C: chicken
- Dm: D. melanogaster
- X: Xenopus
- Z: zebrafish
- B: bovine
- Dg: dog
- Pg: pig
- Sc: S. cerevisiae
- Ce: C. elegans
- Hr: horse
- GP: Guinea Pig
- Rab: rabbit
- All: all species expected

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