

**For Research Use Only.**  
**Not for use in diagnostic procedures.**

# Normal Goat IgG

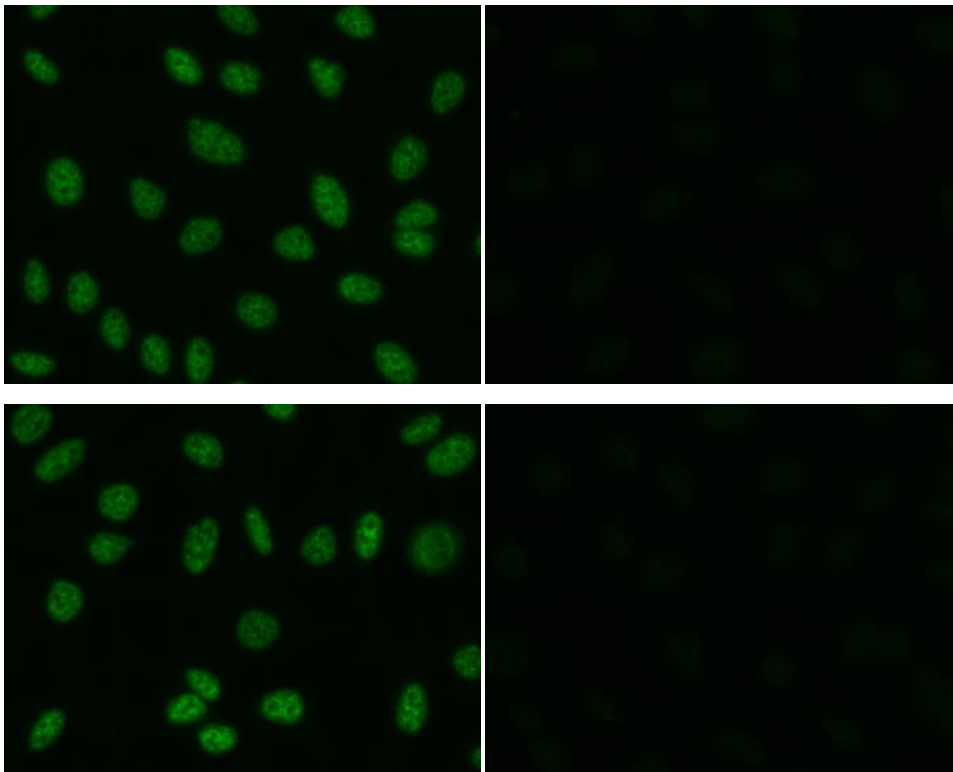
<b>CODE No.</b>	PM094
<b>CLONALITY</b>	Polyclonal
<b>ISOTYPE</b>	Goat IgG
<b>QUANTITY</b>	100 µL, 5 mg/mL
<b>SOURCE</b>	Purified IgG from normal goat serum
<b>REACTIVITY</b>	No specific reaction was detected on Immunocytochemistry.
<b>FORMULATION</b>	PBS containing 50% glycerol (pH 7.2). No preservative is contained.
<b>STORAGE</b>	This antibody solution is stable for one year from the date of purchase when stored at -20°C.
<b>APPLICATION</b>	<u>Immunocytochemistry</u>

This antibody can be used as a negative control.  
The concentration will depend on the conditions.

For more information, please visit our web site <https://ruo.mbl.co.jp/>.

### **Immunocytochemistry**

- 1) Culture the cells in the appropriate condition on a glass slide. (For example, spread  $1 \times 10^4$  cells per one well, then incubate in a CO<sub>2</sub> incubator overnight.)
- 2) Fix the cells by immersing the slide in Acetone for 10 minutes on ice.
- 3) Air dry the slides.
- 4) Incubate the cells with 1:20 of human serum for 30 min. at 37°C.
- 5) Prepare a wash container such as a 500 mL beaker with a magnetic stirrer. Wash the slides by soaking the slide with a plenty of PBS in the wash container for 15 min. Take care not to touch the cells. Repeat another wash once more.
- 6) Incubate the cells with 50 or 100 µg/mL of goat anti-IgG (γ chain) (Human) antibody or Normal Goat IgG (MBL, code no. PM094) diluted with PBS for 30 min. at 37°C.
- 7) Wash the slides in a plenty of PBS as in step 5).
- 8) Incubate the cells with 1:40 of FITC-conjugated anti-IgG (Goat) antibody for 30 min. at 37°C.
- 9) Wash the slides in a plenty of PBS as in step 5).
- 10) Now ready for mounting.



### ***Immunocytochemical detection of antinuclear antibodies in human serum***

Cells: HEp-2

Secondary antibody:

Left; Anti-IgG (Human) pAb (MBL, previous code no. 103AG)

Right; Normal Goat IgG (MBL, code no. PM094)

Concentrations of Secondary antibodies:

Upper; 50 µg/mL

Lower; 100 µg/mL