



Goat Anti-Mouse⁵⁹⁰ Antibody

Product Information

Catalog Number	ASA-0001
Description	This goat anti-mouse whole antibody conjugates reacts with IgG and IgM heavy chains and all classes of immunoglobulin light chains from mouse. The degree of labeling for the small molecule conjugates is typically 2–8 fluorophore molecules per IgG molecule; the exact degree of labeling is indicated on the product label.
Size	2 mL
Host	Goat
Reactivity	Mouse
Target Isotype	IgG, IgM
Concentration	Ready-to-use
Label/ Dye	Alexa Fluor® 594
Excitation	590 nm
Emission	617 nm
Color	Red
Shipping	Dry ice
Storage and Stability	Store at -20°C. Stable for 6 months at -20°C. Avoid freeze-thaw cycles.
Safety Precaution	PLEASE READ BEFORE HANDLING ANY FROZEN VIALS. Please wear the appropriate Personal Protective Equipment (lab coat, thermal gloves, safety goggles and a face shield) when handling the vials. Handle the frozen vials with due caution.
Restricted Use	This product is for research use only and not intended for human or animal diagnostic or therapeutic uses.

Protocol

1. Fix cells on a cover slip for 1 hour.
2. Wash with PBS for 5 minutes (3 times).
3. Permeabilize the cells for 30 minutes.
4. Block in blocking solution for 1 hour.
5. Pipette 30 µL 1° antibody on the parafilm slide, put the cover slip face-down on it. Place the parafilm in a humidified chamber, 4°C / overnight.
6. Aspirate the 1st antibody and wash cells with PBS, 10 minutes x 2.
7. Aspirate PBS. Add 1 drop (or 45 µL) of 2° antibody (Goat anti-mouse) to each slide, incubate for 1 hour in the dark.
8. Wash cells with PBS for 10 minutes.

Applied StemCell, Inc.

521 Cottonwood Dr. #111, Milpitas, CA 95035

Phone: 866-497-4180 (US Toll Free); 408-773-8007 Fax: 408-773-8238

info@appliedstemcell.com www.appliedstemcell.com

9. Aspirate PBS. Add 1 drop (or 45 μL) of DNA staining solution on cell slide for 8 minutes.
10. Wash cell with PBS in the dark.
11. Place one drop (or 20 μL) of mounting solution on the labeled glass slide. Put the cell cover slip facing down in the mounting solution.
12. Take images immediately, or the slide can be stored at 4°C for up to 7 days.