Applied StemCell, Inc.
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Datasheet

Goat Anti-Rabbit^{590} Antibody

Product Information

Catalog Number	**ASA-0003**
Description	This goat anti–Rabbit^{488} reacts with IgG heavy chains and all classes of immunoglobulin light chains from mouse.
Size	2 mL
Host	Goat
Reactivity	Rabbit
Target Isotype	IgG
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. Permeablize 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.
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.

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11. Place one drop (or 20 μL) of mounting solution to 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.