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

MBL
A JSR Life Sciences Company

Anti-HA-tag mAb-Alexa Fluor® 594

CODE No.	M180-A59
CLONALITY	Monoclonal
CLONE	TANA2
ISOTYPE	Mouse IgG2b κ
QUANTITY	100 µL, 1 mg/mL
SOURCE	Purified IgG from hybridoma supernatant
IMMUNOGEN	KLH conjugated synthetic peptide, YPYDVPDYA (HA-tag)
REACTIVITY	This antibody reacts with N-terminal and C-terminal HA-tagged proteins.
FORMULATION	PBS containing 1% BSA and 0.1% ProClin 150.
STORAGE	This antibody solution is stable for one year from the date of purchase when stored at 4°C.

APPLICATION-CONFIRMED

Immunocytochemistry	1 µg/mL

REFERENCE

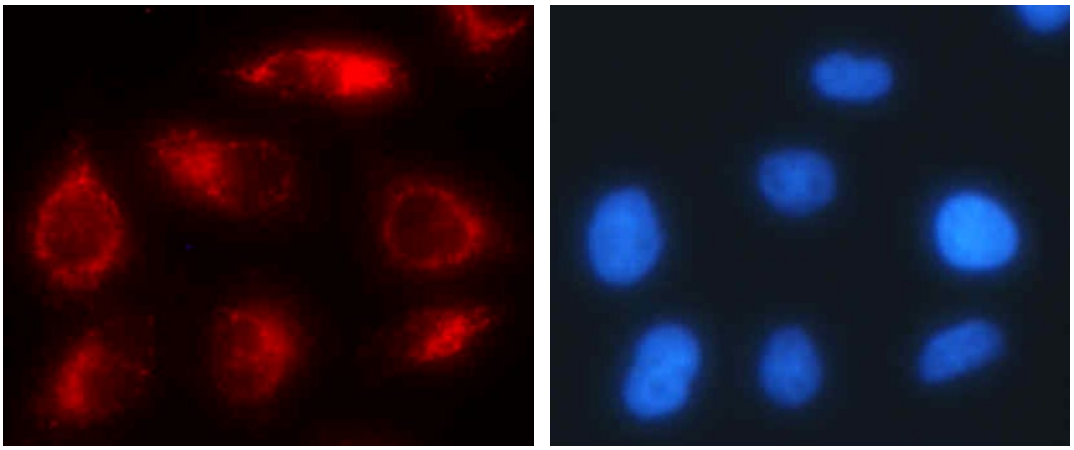
1) Al-Robaiy, S., *et al., Am. J. Physiol. Lung Cell Mol. Physiol.* **305**, L491-L500 (2013) [IC]

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

The descriptions of the following protocols are examples. Each user should determine the appropriate condition.

Immunocytochemistry

1) Spread the cells in the nutrient condition on a glass slide, then incubate in a CO_2 incubator for one night.
2) Remove the culture supernatant by careful aspiration.
3) Fix the cells by immersing the slide in 4% paraformaldehyde (PFA)/PBS for 10 min. at room temperature (20~25°C).
4) Prepare a wash container such as a 500 mL beaker with a magnetic stirrer. Then wash the fixed cells on the glass slide by soaking the slide with a plenty of PBS in the wash container for 5 min. Take care not to touch the cells. Repeat another wash once more.
5) Immerse the slide in 0.2% Triton X-100/PBS for 10 min. at room temperature.
6) Wash the slide in a plenty of PBS as in the step 4).
7) Cover each cell with normal goat serum for 5 min. at room temperature.
8) Add 200 µL of the primary antibody diluted with 2% fetal calf serum (FCS)/PBS as suggested in the **APPLICATION** onto the cells and incubate for 1 hr. at room temperature. (Optimization of antibody concentration or incubation condition is recommended if necessary.)
9) Wash the slide in a plenty of PBS as in the step 4).
10) Wipe excess liquid from slide but take care not to touch the cells. Never leave the cells to dry.
11) Counter stain with DAPI for 5 min. at room temperature.
12) Wash the slide in a plenty of PBS as in the step 4).
13) Promptly add mounting medium onto the slide, then put a cover slip on it.



Immunocytochemical detection of HA-tagged protein in HeLa
Red: Anti-HA-tag mAb-Alexa Fluor® 594 (MBL, code no. M180-A59)
Blue: DAPI