

FITC Conjugated Goat anti-Rabbit IgG Antibody

HA1004



Product Type:	Goat polyclonal IgG, secondary antibodies
Species reactivity:	Rabbit
Applications:	IF-Cell

Description: Whole IgG antibodies are isolated as intact molecules from antisera by immunoaffinity chromatography. They have an Fc portion and two antigen binding Fab portions joined together by disulfide bonds and therefore they are divalent. The average molecular weight is reported to be about 160 kDa. The whole IgG form of antibodies is suitable for the majority of immunodetection procedures and is the most cost effective. FITC (Fluorescein isothiocyanate) is the form of fluorescein used for conjugation to all of our antibodies and purified proteins, with the exception of streptavidin. Fluorescein conjugates absorb light maximally at 492 nm and fluoresce maximally at 520 nm. Although less bright than other green-fluorescing dyes, FITC is still a widely used fluorophore due to its long history. The major disadvantage of fluorescein is its rapid photobleaching (fading), which can be mitigated by the use of an anti-fading agent in the mounting medium.

Conjugate: FITC-conjugated, Amax: 492 Emax: 520nm

Immunogen: Rabbit IgG (H+L).

Recommended Dilutions:
Immunocytochemistry 1:100 – 1:500

Storage Buffer: 1*TBS (pH7.4), 0.5% BSA, 40% Glycerol.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

Purity: Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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HUABIO
www.huabio.cn

Images

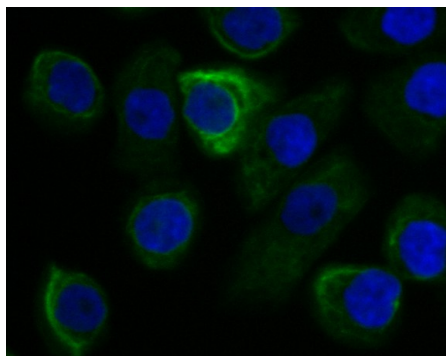


Fig1: ICC analysis of rabbit anti-Cytokeratin19 antibody (ET1601-6,1/100) with AGS Cell lysates . Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody for 1 hour at room temperature, washed with PBS. Goat anti-rabbit IgG-FITC was used as the secondary antibody at 1/100 dilution. The nuclear counter stain is DAPI (blue).

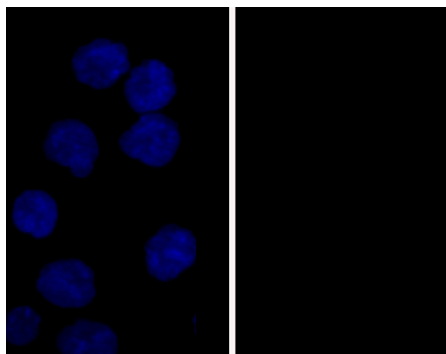


Fig2: ICC staining of Goat anti-Rabbit IgG in HeLa cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody (PBS) for 1 hour at room temperature, washed with PBS. Goat anti-rabbit IgG-FITC was used as the secondary antibody at 1/100 dilution. The nuclear counter stain is DAPI (blue).

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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