

IgG secondary antibody

ABflo 647-conjugated Goat anti-Rabbit IgG (H+L)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283334	Goat	Rabbit	Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence

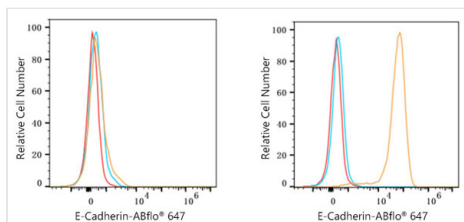
PRODUCT SYNONYMS

IgG; ABflo 647-conjugated Goat anti-Rabbit IgG (H+L); IgG secondary antibody

PRODUCT SPECIFICATIONS

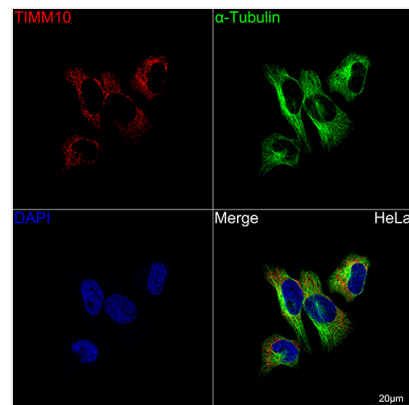
Host	Goat
Reactivity	Rabbit
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 1%BSA, 50% glycerol, pH7.3.
Applicable Applications for IgG secondary antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	Rabbit IgG
Conjugation	ABflo 647. Ex:648nm. Em:664nm.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometry: 1X10⁶ K-562 cells (negative control, left) and A-431 cells (right) were surface-stained with Purified Rabbit anti-Human E-Cadherin mAb(5 ul/Test, orange line) or secondary antibody only (blue line). Non-fluorescently stained K-562 and A-431 cells were used as blank control (red line). ABflo® 647-conjugated Goat Anti-Rabbit IgG (H+L)(AAA283334, 1:2000) was used as a secondary antibody.



ICC (Immunocytochemistry)

Confocal imaging of HeLa cells using [KD Validated] TIMM10 Rabbit mAb (A24996, dilution 1:200) followed by a further incubation with ABflo® 647-conjugated Goat anti-Rabbit IgG (H+L) (AAA283334, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

ADDITIONAL INFORMATION

Related Product Information for IgG secondary antibody	Secondary antibodies are affinity-purified antibodies which will work with target-specific primary antibody in the detection, sorting or purification of its specified target. Secondary antibodies offer increased versatility enabling users to use many detection systems (e.g. HRP, AP, fluorescence). They can also provide greater sensitivity through signal amplification as multiple secondary antibodies. Most commonly, secondary antibodies are generated by immunizing the host animal (different from host species of primary antibody) with a pooled population of normal immunoglobulins from the host species of primary antibody and can be further purified and modified (i.e. antibody fragmentation, label conjugation, etc.) to ensure well-characterized specificity to corresponding normal immunoglobulins.
Product Categories/Family for IgG secondary antibody	Antibodies

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/goat-rabbit-secondary-antibody/igg/283334>