

IgG secondary antibody

ABflo 488-conjugated Goat anti-Mouse IgG (H+L)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283337	Goat	Mouse	Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence

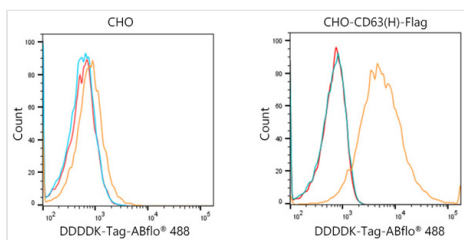
PRODUCT SYNONYMS

IgG; ABflo 488-conjugated Goat anti-Mouse IgG (H+L); IgG secondary antibody

PRODUCT SPECIFICATIONS

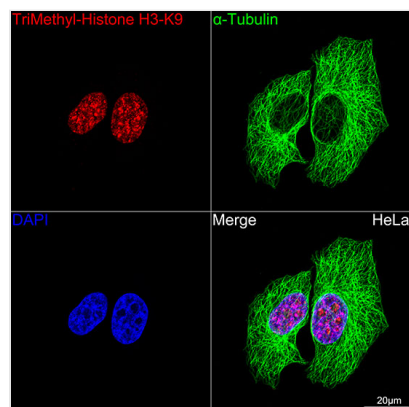
Host	Goat
Reactivity	Mouse
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.025% Sodium Azide, 0.75% BSA, 50% glycerol, pH7.3.
Applicable Applications for IgG secondary antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	Mouse IgG
Conjugation	ABflo 488. Ex:491nm. Em:516nm.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Positive antibody (AE005) (2.5ug/mL) in various cells (orange) compare to Rabbit isotype control (blue) and non-staining control (Red). The secondary antibody used was ABflo® 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L) (AAA283337) at 1:100.



ICC (Immunocytochemistry)

Confocal imaging of HeLa cells using TriMethyl-Histone H3-K9 Rabbit mAb (A22295, dilution 1:100) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:100) (Red), ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) (AAA283337, dilution 1:200) (Green)

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-mouse-secondary-antibody/igg/283337>