

## IgG (H&L) Secondary Antibody

Goat anti-Llama IgG (H&L) - Affinity Pure, DyLight488 Conjugate

| CATALOG # | HOST | REACTIVITY                                                                                                         | APPLICATIONS                                                |
|-----------|------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| AAA79056  | Goat | Llama. Cross Reactivity: Based on IEP, no reactivity is observed to non-immunoglobulin llama serum immunoglobulins | ELISA, Immunofluorescence, Flow Cytometry, Functional Assay |

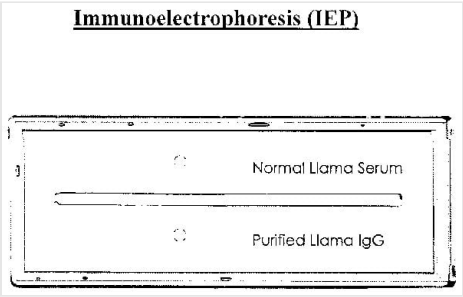
### PRODUCT SYNONYMS

IgG (H&L); Goat anti-Llama IgG (H&L) - Affinity Pure; DyLight488 Conjugate; IgG (H&L) secondary antibody

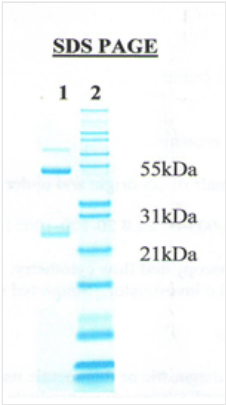
### PRODUCT SPECIFICATIONS

|                                                          |                                                                                                                                                                                                                                     |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                     | Goat                                                                                                                                                                                                                                |
| Reactivity                                               | Llama.<br>Cross Reactivity: Based on IEP, no reactivity is observed to non-immunoglobulin llama serum immunoglobulins                                                                                                               |
| Specificity                                              | Based on IEP, this antibody reacts with: heavy (gamma) chains on llama IgG, light chains on all llama immunoglobulins                                                                                                               |
| Purity/Purification                                      | Affinity purified antibody is > 95% based on SDS-PAGE<br>Affinity purified using solid phase Llama IgG.                                                                                                                             |
| Form/Format                                              | Lyophilized                                                                                                                                                                                                                         |
| Concentration                                            | 1.0 mg/ml (E 1% at 280 nm = 13.0) (varies by lot)                                                                                                                                                                                   |
| Sequence Length                                          | 120                                                                                                                                                                                                                                 |
| Applicable Applications for IgG (H&L) secondary antibody | EM (Immunoelectron Microscopy), ELISA, IF (Immunofluorescence), FCM/FACS (Flow Cytometry)                                                                                                                                           |
| Conjugate                                                | DyLight 488 (Ex = 493 nm; Em = 518 nm)                                                                                                                                                                                              |
| Immunogen                                                | Purified llama IgG, whole molecule                                                                                                                                                                                                  |
| Buffer                                                   | 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free                                                                                                                                            |
| Preservative                                             | 0.05% (w/v) Sodium Azide                                                                                                                                                                                                            |
| Reconstitution                                           | Rehydrate with 1.1 ml of deionized water and let stand 30 minutes at room temperature to dissolve. Centrifuge to remove any particulates. Prepare fresh working dilution daily.                                                     |
| Country of Origin                                        | Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.                                                                                                                          |
| Preparation and Storage                                  | Store freeze-dried powder at 2-8 degree C.<br>Shelf Life: Product is stable for up to 4 weeks at 2-8 degree C after rehydration. For extended storage after rehydration, add an equal volume of glycerol and store at -20 degree C. |

IMAGES



IEP (Immunoelectrophoresis)



SDS-PAGE

ADDITIONAL INFORMATION

|                                                            |                      |
|------------------------------------------------------------|----------------------|
| Product Categories/Family for IgG (H&L) secondary antibody | Secondary Antibodies |
|------------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                         |                                                     |
|-------------------------|-----------------------------------------------------|
| NCBI GI #               | 33517406                                            |
| NCBI Official Full Name | immunoglobulin heavy chain variable region, partial |

**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-secondary-antibody/igg-hl/79056>