

## Mouse anti-Human Ig Lambda Light Chain Antibody | anti-IgI antibody

Anti-Hu Ig Lambda Light Chain APC

|                               |                      |                            |                                                         |
|-------------------------------|----------------------|----------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA128349</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay</b> |
|-------------------------------|----------------------|----------------------------|---------------------------------------------------------|

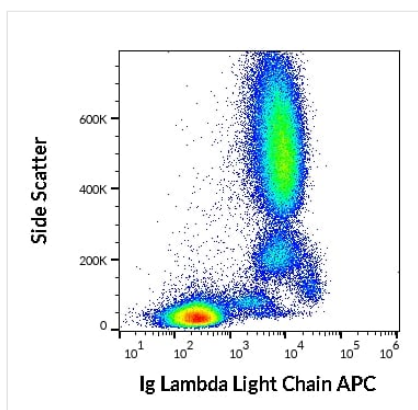
### PRODUCT SYNONYMS

Ig Lambda Light Chain; Anti-Hu Ig Lambda Light Chain APC; Immunoglobulin lambda; anti-IgI antibody

### PRODUCT SPECIFICATIONS

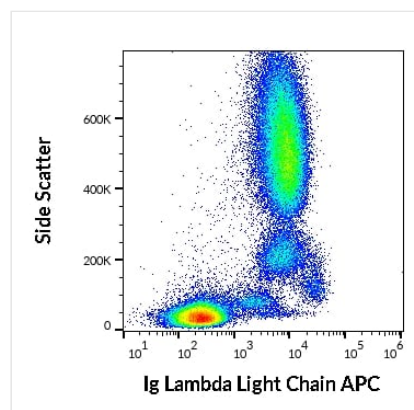
|                                               |                                                                                                                                                      |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                                                                                |
| Reactivity                                    | Human                                                                                                                                                |
| Isotype                                       | IgG1                                                                                                                                                 |
| Clone Number                                  | 4C2                                                                                                                                                  |
| Specificity                                   | The antibody 4C2 reacts with lambda light chains (22.5 kDa) of human immunoglobulin.                                                                 |
| Purity/Purification                           | The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography. |
| Form/Format                                   | Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide                                                                   |
| Sequence Length                               | 125                                                                                                                                                  |
| Applicable Applications for anti-IgI antibody | FCM/FACS (Flow Cytometry)                                                                                                                            |
| Negative Species                              | Rabbit, Hamster, Sheep, Guinea pig, Goat                                                                                                             |
| Conjugation                                   | APC                                                                                                                                                  |
| Preparation and Storage                       | Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.                                                                 |

### IMAGES



#### FCM/FACS (Flow Cytometry)

Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human Ig Lambda Light Chain (4C2) APC (10 ul reagent / 100 ul of peripheral whole blood).



#### FCM/FACS (Flow Cytometry)

Separation of human Ig Lambda Light Chain positive B cells (red-filled) from human Ig Lambda Light Chain negative B cells (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human Ig Lambda Light Chain (4C2) APC (10 ul reagent / 100 ul of peripheral whole blood).

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IgI antibody | Immunoglobulin classes share the same basic four polypeptide chain structure of two heavy chains (five heavy chains types) and two light chains (kappa, lambda; both having a molecular weight of 22.5kDa). Kappa and lambda consist of a variable region and a constant region and can easily be differentiated by the antigenic properties of the constant region. The ratio of kappa to lambda is 70:30. |
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NCBI AND UNIPROT INFORMATION

|                         |                                |
|-------------------------|--------------------------------|
| NCBI GI #               | 1165318                        |
| NCBI Official Full Name | Ig lambda light chain, 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/mouse-igl-human-antibody/ig-lambda-light-chain/128349>