

**Datasheet for 610-4111****Mouse (lambda chain) Antibody****Overview**

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|----------------------|----------------------------------------------------------------|
| <b>Description:</b>  | Rabbit Anti-Mouse $\lambda$ (lambda chain) Antibody - 610-4111 |
| <b>Item No.:</b>     | 610-4111                                                       |
| <b>Size:</b>         | 1 mg                                                           |
| <b>Applications:</b> | ELISA                                                          |
| <b>Reactivity:</b>   | Mouse                                                          |
| <b>Host Species:</b> | Rabbit                                                         |

**Product Details**

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Background:</b>   | Anti-Mouse $\lambda$ (lambda chain) (RABBIT) Antibody generated in rabbit detects specifically Mouse lambda light chain. Immunoglobulins are heterotetramers composed of 2 immunoglobulin heavy and 2 immunoglobulin light chains. The immunoglobulin light chain is the small polypeptide subunit of an antibody (immunoglobulin). The light chains can be categorized into kappa type or lambda type and both are used to construct the antigen binding F(ab) region of an antibody along with the variable region of the heavy chain. |
| <b>Synonyms:</b>     | Rabbit Anti-Mouse $\lambda$ (lambda chain) Antibody, Rabbit Anti Mouse lambda Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Host Species:</b> | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Specificity:</b>  | $\lambda$ (lambda chain)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Clonality:</b>    | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Format:</b>       | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

**Target Details**

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| <b>Reactivity:</b>         | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen:</b>          | Mouse lambda light chain                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity/Specificity:</b> | This product was prepared from monospecific antiserum by immunoaffinity chromatography using antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum. Solid phase adsorption(s) against a panel of Mouse IgG kappa, IgM kappa and IgA kappa proteins was performed. Specificity was confirmed by ELISA. |

## Application Details

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| <b>Tested Applications:</b> | ELISA                                                                                                                                                                                  |
| <b>Application Note:</b>    | Anti-Mouse lambda chain antibody has been tested by ELISA and is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency. |
| <b>Assay Dilutions:</b>     | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.                                                                                        |
| <b>ELISA:</b>               | 1:40,000                                                                                                                                                                               |
| <b>IHC:</b>                 | 1:500 - 1:3,000                                                                                                                                                                        |
| <b>WB:</b>                  | 1:1,000 - 1:10,000                                                                                                                                                                     |

## Formulation

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| <b>Physical State:</b> | Liquid (sterile filtered)                                  |
| <b>Concentration:</b>  | 1.0 mg/mL by UV absorbance at 280 nm                       |
| <b>Buffer:</b>         | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| <b>Preservative:</b>   | 0.01% (w/v) Sodium Azide                                   |
| <b>Stabilizer:</b>     | None                                                       |

## Shipping & Handling

|                            |                                                                                                                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shipping Condition:</b> | Wet Ice                                                                                                                                                                                                                                                      |
| <b>Storage Condition:</b>  | Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. |
| <b>Expiration:</b>         | Expiration date is one (1) year from date of receipt.                                                                                                                                                                                                        |

## Disclaimer

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