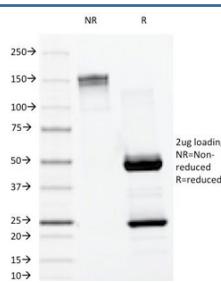


## Lambda Antibody [clone LAM03] (V3152)

| Catalog No.    | Formulation  | Size   |
|----------------|--|--------|
| V3152-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V3152-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V3152SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

### Bulk quote request

|                    |  |
|--------------------|--|
| Availability       | 1-3 business days  |
| Species Reactivity | Human  |
| Format             | Purified   |
| Host               | Mouse  |
| Clonality          | Monoclonal (mouse origin)                                |
| Isotype            | Mouse IgG1, kappa  |
| Clone Name         | LAM03  |
| Purity             | Protein G affinity chromatography                        |
| UniProt            | P01701, P01842   |
| Localization       | Cell surface, cytoplasmic and secreted                   |
| Applications       | ELISA : 2-4ug/ml (order BSA/azide-free format)           |
| Limitations        | This Lambda antibody is available for research use only. |



SDS-PAGE Analysis of Purified, BSA-Free Lambda Antibody (clone LAM03). Confirmation of Integrity and Purity of the Antibody.

## Description

This mAb is specific to lambda light chain of immunoglobulin and shows no cross-reaction with kappa light chain or any of the five heavy chains. In mammals, the two light chains in an antibody are always identical, with only one type of light chain, kappa or lambda. The ratio of Kappa to Lambda is 70:30. However, with the occurrence of multiple myeloma or other B-cell malignancies this ratio is disturbed. Antibody to the lambda light chain is reportedly useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkin's lymphomas. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is malignant.

## Application Notes

The optimal dilution of the Lambda antibody for each application should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.

## Immunogen

Purified human lambda light chain was used as the immunogen for this Lambda antibody.

## Storage

Store the Lambda antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).