

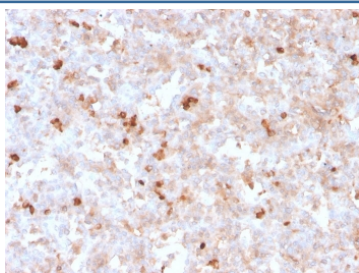
## Recombinant Lambda Light Chain Antibody [clone rLLC/1738] (V7878)

| Catalog No.    | Formulation                                                                | Size   |
|----------------|----------------------------------------------------------------------------|--------|
| V7878-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V7878-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V7878SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

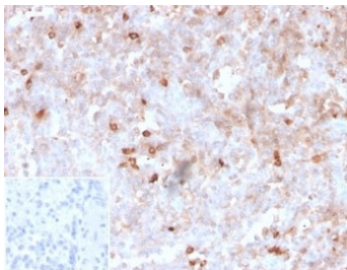
### Recombinant MOUSE MONOCLONAL

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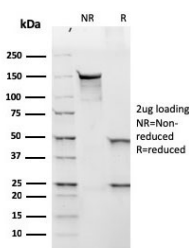
|                    |                                                                                  |
|--------------------|----------------------------------------------------------------------------------|
| Availability       | 1-3 business days                                                                |
| Species Reactivity | Human                                                                            |
| Format             | Purified                                                                         |
| Clonality          | Recombinant Mouse Monoclonal                                                     |
| Isotype            | Mouse IgG1, kappa                                                                |
| Clone Name         | rLLC/1738                                                                        |
| Purity             | Protein G affinity chromatography                                                |
| UniProt            | P01701, P01842                                                                   |
| Localization       | Cell surface, cytoplasmic, secreted                                              |
| Applications       | Immunohistochemistry (FFPE) : 1-2ug/ml                                           |
| Limitations        | This recombinant Lambda Light Chain antibody is available for research use only. |



IHC staining of FFPE human spleen with recombinant Lambda Light Chain antibody (clone rLLC/1738). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human spleen with recombinant Lambda Light Chain antibody (clone rLLC/1738). Negative control inset: PBS used instead of primary antibody to control for secondary Ab binding. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant Lambda Light Chain antibody (clone rLLC/1738) as confirmation of integrity and purity.

## Description

This MAb is specific to lambda light chain of immunoglobulin and shows no cross-reaction with lambda 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

Optimal dilution of the recombinant Lambda Light Chain antibody should be determined by the researcher.

## Immunogen

Recombinant full-length human IGL protein was used as the immunogen for the recombinant Lambda Light Chain antibody.

## Storage

Store the recombinant Lambda Light Chain antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).