

Product datasheet for **SM3116P**

Human Lambda Light Chain Mouse Monoclonal Antibody [Clone ID: Rs4]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | Rs4 |
| Applications: | ELISA, IF, WB |
| Recommended Dilution: | Immunocytochemistry. ELISA. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Leucocytes of a patient suffering from a LGL-type leukaemia |
| Specificity: | The antibody reacts with lambda-light chains of immunoglobulin. |
| Formulation: | Tris buffered saline (TBS) with 15 mM sodium azide, approx. pH 8.0 State: Purified State: Liquid Ig fraction |
| Concentration: | lot specific |
| Purification: | Precipitation methods and ion exchange chromatography; Purity: > 95 % (by SDS-PAGE) |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Background: | 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 22.5 kDa). 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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