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36-1296: Monoclonal Antibody to Lambda Light Chain (B-Cell Marker)(LcN-2 + ICO-106)

Clonality :	Monoclonal
Clone Name :	LcN-2 + ICO-106
Application :	FACS,IF,WB
Reactivity :	Human
Uniprot ID :	P01701
Format :	Purified
Isotype :	Mouse IgG1, kappa + Mouse IgG2a, kappa
Immunogen Information :	Purified human IgG (LcN-2 and ICO-106)

Description

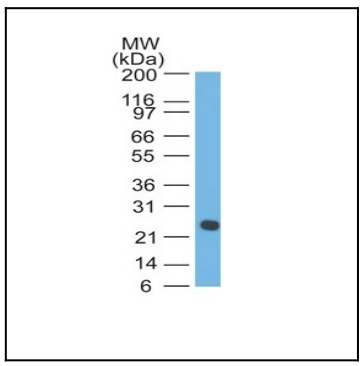
This MAb is specific to lambda light chain of immunoglobulin and shows no cross-reaction with lambda light chain or any of the five heavy chains. In mammals, the two light chains in an antibody are always identical, with only one type of light chain, kappa or lambda. The ratio of Kappa to Lambda is 70:30. 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.

Product Info

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml);



Western Blot of human Intestinal Lysate using Lambda Light Chain Ab (LcN-2 + ICO-106).

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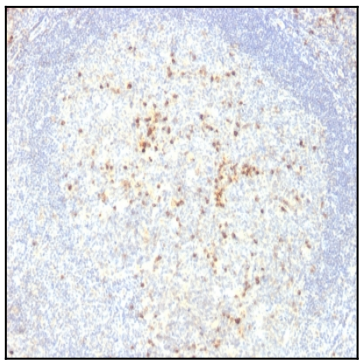

Formalin-fixed, paraffin-embedded human Tonsil stained with Lambda Light Chain Monoclonal Antibody (LcN-2 + ICO-106).