

Product datasheet

anti-human Ig lambda mouse monoclonal, 48.0, supernatant

Short overview

Cat. No.	11011
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	48
Immunogen	Isolated from Bence Jones lambda proteins
Formulation	Contains 0.09% sodium azide
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Hybridoma cell culture supernatant
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	ELISA, ICC/IF, IHC
Reactivity	Human

Applications

ELISA	Assay dependent
Immunocytochemistry (ICC)	Assay dependent
Immunohistochemistry (IHC) - frozen	1:5-1:10
Immunohistochemistry (IHC) - paraffin	1:5-1:10 (microwave treatment recommended)

Background

Suitable for characterization of malignant B-cell proliferations. All but acute lymphocytic leukemias share either surface or intra-cytoplasmic Ig with an isotypic restriction suggesting a monoclonal nature of the cell population. Most of the chronic lymphocytic leukemias, non Hodgkin lymphomas and Burkitt's lymphoma bear surface IgM, whereas plasmocytes from Waldenstrom's disease bear intracytoplasmic IgM. The other isotypes are found less frequently; multiple myelomas are usually of the IgG or IgA type. Also suitable for the characterization of plasma cells in intestinal inflammatory conditions, e.g. for the classification of intestinal bowel disease and allergic conditions. In the latter case a specific increase in the number of IgE plasma cells can be demonstrated. In ELISA the antibody reacts with lambda light chains of secreted immunoglobulins and with bound Ig on the surface of B lymphocytes. Positive control: tonsil.

Product images



anti-human Ig lambda mouse monoclonal, 48.0, supernatant