Datasheet for ABIN5563943

anti-Lambda-IgLC antibody

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Overview

Quantity:	100 µg
Target:	Lambda-IgLC
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Lambda-IgLC antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Purified human IgG myeloma proteins covalently coupled to polyaminostyrene (PAS) microbeads
Clone:	HP6054
Isotype:	IgG2a kappa
Characteristics:	The clone HP6054 specifically binds with both soluble and membrane bound human lambda light chain of immunoglobulin but not binds with the kappa light chain or heavy chain. Lambda light chains are primarily expressed on the surface of B cells in lymphoid tissues. Each B cell expresses only one class of light chain kappa or lambda. In serum of a healthy individual, the total kappa to lambda ratio is approximately 3:1 while measuring as intact whole antibodies or 1:1.5 while measuring as free light chains. Various clinical research data claim that any highly divergent ratio of kappa to lambda indicative of neoplasm. HP6054 is useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkin's lymphomas.

Product Details

Purification:	Purified
Purity:	>95 %
Grade:	GMP Grade

Target Details

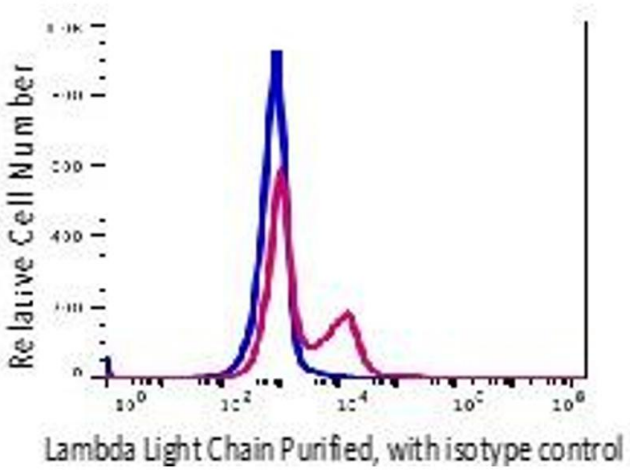
Target:	Lambda-IgLC
Alternative Name:	Ig Lambda Light Chain (Lambda-IgLC Products)
Background:	The clone HP6054 specifically binds with both soluble and membrane bound human lambda light chain of immunoglobulin but not binds with the kappa light chain or heavy chain. Lambda light chains are primarily expressed on the surface of B cells in lymphoid tissues. Each B cell expresses only one class of light chain kappa or lambda. In serum of a healthy individual, the total kappa to lambda ratio is approximately 3:1 while measuring as intact whole antibodies or 1:1.5 while measuring as free light chains. Various clinical research data claim that any highly divergent ratio of kappa to lambda indicative of neoplasm. HP6054 is useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkin's lymphomas.

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS pH 7.2, 0.1 % (w/v) BSA, 0.09 % (w/v) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C



Flow Cytometry

Image 1.