Datasheet for ABIN6296346

anti-IGKV1D-16 antibody

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Overview

Quantity:	100 µg
Target:	IGKV1D-16
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IGKV1D-16 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS), Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Mouse anti-Human Kappa Light Chain Antibody [Sodium Azide Free]
Immunogen:	Human B-Lymphoma Cells were used as the immunogen for this Kappa light chain antibody.
Specificity:	Cell surface, cytoplasmic and secreted
Purification:	Human B-Lymphoma Cells were used as the immunogen for this Kappa light chain antibody.

Target Details

Target:	IGKV1D-16
Alternative Name:	Immunoglobulin kappa variable 1D-16 (IGKV1D-16 Products)
Background:	Target Description: This antibody is specific to the kappa 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

Target Details

	or lambda. In general, the ratio of Kappa to Lambda is 3:1. However, with the occurrence of multiple myeloma or other B-cell malignancies this ratio is disturbed. Antibody to the kappa 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. Gene Symbol: IGKV1D-16///IGKC
Gene ID:	3514
UniProt:	P01601, P01834

Application Details

Application Notes:	FACS: 0.5-2.0 µg/million cells IF: 1-2 µg/mL WB: 0.5-1 µg/mL IHC (FFPE): 0.5-1 µg/mL for 30 min at RT (1) Prediluted format: incubate for 30 min at RT (2)
Restrictions:	For Research Use only

Handling

Buffer:	In 1X PBS (pH 7.4), BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.