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## Datasheet for ABIN6296345 **anti-IGKV1D-16 antibody**

### Overview

Quantity:	7 mL
Target:	IGKV1D-16
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IGKV1D-16 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

### Product Details

Purpose:	Mouse anti-Human Kappa Light Chain Antibody [IHC only]
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 ( <a href="#">IGKV1D-16 Products</a> )
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 or lambda. In general, the ratio of Kappa to Lambda is 3:1. However, with the occurrence of

## Target Details

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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

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Gene ID: 3514

UniProt: [P01601](#), [P01834](#)

## Application Details

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Application Notes: Prediluted format : incubate for 30 min at RT (2)

Restrictions: For Research Use only

## Handling

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Buffer: Prediluted in 1X PBS ( pH 7.4) with 0.1 mg/mL BSA (US sourced) and 0.05 % sodium azide, For IHC use only

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,-20 °C

Storage Comment: 2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.