



Rabbit Anti-IGKC monoclonal antibody, clone TQ259 (CABT-L1891)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	IGKC
Immunogen	Free kappa light chain from pooled human IgG lambda myeloma sera.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TQ259
Purification	Protein A/G purified
Conjugate	Unconjugated
Applications	IHC-P, WB
Molecular Weight	25 kDa
Cellular Localization	Cytoplasm
Positive Control	Tonsil
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction

Kappa light chains are polypeptide chains resided in the cell membrane and cytoplasmic regions of normal B cells and plasma cells. The combination of kappa light chains and heavy chains forms immunoglobulin molecules. There are two classes of light chains found in immunoglobulins, kappa light chains and lambda light chains. Individual lymphoid cell only contains a single light chain class. This clonal restriction may be used to indicate the polyclonal or monoclonal nature of B cell and plasma cell populations. The ratio of kappa to lambda is about 2:1. The level of kappa or lambda can be greatly elevated in serum of patients with multiple myeloma or other B cell malignancies.

Keywords

IGKC;immunoglobulin kappa constant;Igk-C

GENE INFORMATION

Entrez Gene ID

[3514](#)

UniProt ID

[P01834](#)
