



Rabbit Anti-Human IGHG4 monoclonal antibody, clone TU16-23 (DCABH-221)

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

PRODUCT INFORMATION

Target	IgG4
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TU16-23
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC
Molecular Weight	36 kDa
Cellular Localization	Secreted.
Positive Control	Human tonsil tissue, human spleen tissue, human plasma tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

The regions of relatively constant sequence beyond the variable regions of immunoglobulins are termed constant regions (C regions) and are present in both the heavy and light chains. With very few exceptions, the sites of attachment for carbohydrates on immunoglobulins are located in these C regions. These regions also function to hold the variable regions together by using the disulfide bond between them. The C regions facilitate interaction with the antigen by increasing the maximum rotation of the immunoglobulin arms. Several studies have shown that a large population of patients with recurrent respiratory tract infection have low IgG4 concentrations.

Keywords

Ig gamma 4 chain C region;IGHG4;Immunoglobulin heavy constant gamma 4 (G4m marker);MGC117419 antibody

GENE INFORMATION

Entrez Gene ID

[28218](#)

UniProt ID