



Rabbit Anti-Human CD43 monoclonal antibody, clone TQ66 (CABT-L1603)

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

PRODUCT INFORMATION

Target	SPN
Immunogen	Synthetic peptide derived from the human CD43.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TQ66
Purification	Protein A/G Purified
Conjugate	Unconjugated
Applications	FC, IHC-P, WB
Positive Control	A suggested positive control is tonsil tissue.
Format	Liquid
Buffer	PBS, pH 7.6, with 1% BSA
Preservative	0.1% Sodium Azide
Storage	4°C, do not freeze

BACKGROUND

Introduction

CD43 is one of the major glycoproteins of thymocytes and T lymphocytes. It plays a role in the physicochemical properties of the T cell surface and in lectin binding. CD43 presents carbohydrate ligands to selectins. It has an extended rodlike structure that could protrude above the glycocalyx of the cell and allow multiple glycan chains to be accessible for binding. The antigen is a counter receptor for SN/Siglec1. During T cell activation CD43 is actively removed from the T cell antigen presenting cell contact site suggesting a negative regulatory role in adaptive immune response.

GENE INFORMATION

Entrez Gene ID	6693
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UniProt ID	P16150
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