



Mouse Anti-Human TCR γ/δ monoclonal antibody, clone C2 (CABT-L1061)

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

PRODUCT INFORMATION

Target	TCR γ/δ
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human, African Green, Baboon, Chimpanzee, Cynomolgus, Pigtailed macaque, Rhesus
Clone	C2
Purification	Affinity purified
Conjugate	Unconjugated
Applications	FC, IHC
Format	Liquid
Concentration	0.5 mg/ml
Size	100 μ g
Buffer	Phosphate-buffered solution, pH 7.2
Preservative	0.09% Sodium Azide
Storage	The antibody solution should be stored undiluted between 2°C and 8°C.

BACKGROUND

Introduction

T cell receptor (TCR) is a heterodimer consisting of an α and a β chain (TCR α/β) or a γ and a δ chain (TCR γ/δ). TCR γ/δ is involved in the recognition of certain bacterial, self-CD1 molecule, and tumor antigens bound to MHC class I. The γ/δ TCR associates with CD3 and is expressed on a subset of T cells found in the thymus, the intestinal epithelium, and the peripheral lymphoid tissues and peritoneum. Most γ/δ T cells are CD4-/CD8-, some are CD8+. T cells expressing the γ/δ TCR have been shown to play a role in oral tolerance, innate immune response for some tumor cells, and autoimmune disease. It has been reported that γ/δ T cells also play a principal role in antigen presentation.

Keywords

CD_antigen CD3d;CD3D;CD3G;T cell antigen receptor delta polypeptide;T cell antigen receptor gamma polypeptide;T cell rearranging gene gamma;T cell receptor delta;T cell receptor delta locus;T cell receptor gamma;T cell receptor gamma chain C region PT gamma 1/2

GENE INFORMATION

Entrez Gene ID

[69646965](#)