



Rabbit Anti-Human CTLA-4 monoclonal antibody, clone 22I8M28 (CABT-L1256)

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

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Cat, Pig
Target	CTLA4
Immunogen	Protein corresponding to human CTLA4 (aa186-223)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	22I8M28
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	FC, ICC, IF,
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.4
Preservative	0.09% Sodium Azide
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction CTLA4 (Cytotoxic T-Lymphocyte Antigen 4) is a CD28-family receptor expressed on mainly CD4+ T cells. It binds the same ligands as CD28 (CD80 and CD86 on B cells and dendritic cells), but with higher affinity. However, in contrast to CD28 which enhances cell function when bound at the same time as the T cell receptor, CTLA4 inhibits the T cell and prevents it from functioning. Intracellular CTLA4 is also found in regulatory T cells and may be important to their function.

Keywords CTLA-4

GENE INFORMATION

Entrez Gene ID [1493](#)

UniProt ID [P16410](#)
