



Human Anti-Human CD137 (Urelumab) Monoclonal antibody, clone Urelumab (CABT- CS542)

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

PRODUCT INFORMATION

Specificity	TNFRSF9
Target	TNFRSF9
Isotype	IgG2
Source/Host	Human
Species Reactivity	Human
Clone	Urelumab
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	1 mg
Buffer	PBS, pH 7.4. Contains no stabilizers or preservatives
Preservative	None
Storage	2 weeks, 2-8°C under sterile conditions after reconstitution. Avoid repeated freeze-thaw. -80°C for a long-term storage.

BACKGROUND

Introduction CD137, also known as TNFRSF9 or 4-1BB, is an inducible costimulatory molecule expressed mainly on activated T cells. Its ligand, known as 4-1BBL, is expressed on activated macrophages, mature B cells, hematopoietic stem cells, and myeloid progenitor cells. CD137 signaling leads to maintaining the survival of activated T cells and CD8+ memory T cells, and clonal expansion of T cells, but also to suppressing myelopoiesis and dendritic cell development. Triggered CD137 induces a cytokine release profile regulating peripheral monocyte survival. Soluble forms of CD137 may provide negative control mechanism for some immune responses.

Keywords TNFRSF9; 4-1BB; CD137; CDw137; ILA