

Anti-IL-1b Antibody (Canakinumab)

Introduction

Canakinumab (ACZ885) is a recombinant human anti-IL-1 β monoclonal antibody. Canakinumab showed IC50 values of 43.6 and 40.8 pM for human and marmoset IL-1 β , respectively. The mode of action of canakinumab is based on the neutralization of IL-1 β signaling, thereby inhibiting inflammation associated with autoimmune diseases.

Product parameters

Alternative Names	Ilaris, ACZ885
Target Accession	P01584
Target	IL-1b
CAS number	914613-48-2
Molecular Weight	145 kDa
Host	CHO
Reactivity	Human, Mouse
Conjugation	Unconjugated
Form	Liquid
Concentration	See label
Buffer System	100 mM Pro 20 mM Arg pH 5.0. No preservative!
Clonality	Monoclonal
Purification	Protein A
Isotype	IgG1
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	-
Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Sterilization	0.2 μ M filtered
Reconstitution	For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.
Shipping	Dry ice
Storage	-80°C
Expiration Date	2 years
Note	Please avoid freeze-thaw cycles.

Note

1. This product is for scientific research use only.



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