



Human Anti-Abatacept monoclonal antibody, clone AbD37058ia (CABT-ZB1146)

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

PRODUCT INFORMATION

Specificity	Abatacept
Target	Abatacept
Immunogen	Abatacept
Isotype	IgG1, κ
Source/Host	Human
Species Reactivity	N/A
Clone	AbD37058ia
Affinity Constant	The monovalent intrinsic affinity was measured as $K_D = 1$ nM by real time, label free molecular interaction analysis on immobilized abatacept.
Purification	Protein A purified
Conjugate	Unconjugated
Applications	Suitable for use in PK/ADA bridging ELISA. We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB1148 - CABT-ZB1146 Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Concentration	Lot specific

Size	100 µg
Buffer	PBS
Storage	Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.
Ship	Wet ice

BACKGROUND

Introduction	Abatacept (Orencia) is a recombinant fusion protein consisting of the extra-cellular domain of human CTLA-4, fused to the modified Fc (hinge, CH2, and CH3 domains) portion of human IgG1. It is used to treat several autoimmune diseases, including rheumatoid arthritis, psoriatic arthritis and juvenile idiopathic arthritis, by inhibiting optimal T-cell activation. It binds to CD80 and CD86 on antigen-presenting cells and blocks the costimulatory interaction with CD28 on T cells.
Keywords	Abatacept; Orencia