



# Human Anti-Abatacept monoclonal antibody, clone AbD37065ia (CABT-ZB1147)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Abatacept
<b>Target</b>	Abatacept
<b>Immunogen</b>	Abatacept
<b>Isotype</b>	IgG1, κ
<b>Source/Host</b>	Human
<b>Species Reactivity</b>	N/A
<b>Clone</b>	AbD37065ia
<b>Affinity Constant</b>	The monovalent intrinsic affinity of AbD37065ia was measured as $K_D = 6$ nM by real time, label free molecular interaction analysis on immobilized abatacept.
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in ADA bridging ELISA. 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.
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg

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

## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	Abatacept; Orencia