

Datasheet: TZA0107P

BATCH NUMBER 171367

Description:	HUMAN ANTI IXEKIZUMAB:HRP
Specificity:	IXEKIZUMAB
Other names:	Taltz
Format:	HRP
Product Type:	Monoclonal Antibody
Clone:	AbD60554
Isotype:	Fab antibody
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Product Form

A bivalent human recombinant Fab (lambda light chain) generated by coupling of the monovalent SpyTagged Fab [TZA0107](#) with a HRP conjugated BiSpyCatcher version 2 ([TZC002P](#)). The coupled antibody has two DYKDDDDK tags and three His6-tags. It contains SpyTag3 peptide ([BLP086](#)) in 5-fold molar excess to block any unreacted Catcher sites. This antibody is supplied as a liquid.

Preparation

Metal chelate affinity chromatography

Source

E.coli

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.0095% MIT

Approx. Protein

Antibody concentration 0.5 mg/ml

Concentrations

Immunogen Ixekizumab

Specificity **Human Anti-Ixekizumab Antibody, clone AbD60554** is a non-paratope specific, non-inhibitory, anti-idiotypic antibody (Type 2) that specifically recognizes the free, partially bound and fully bound human monoclonal antibody drug ixekizumab, and its biosimilar products. This antibody can be used to measure free, partially bound and fully bound ixekizumab levels in serum from patients.

This TrailBlazer Antibody is available in an unconjugated monovalent Fab format. It may be used as capture antibody for ixekizumab in a pharmacokinetic (PK) antigen detection assay together with the bivalent Fab conjugated to HRP, [TZA0107P](#) (AbD48542ad) as detection reagent.

Ixekizumab (trade name Taltz) is a humanized monoclonal antibody of the IgG4/kappa isotype that binds to interleukin 17 (IL-17A), a pro-inflammatory cytokine, and blocks its action. Blocking its effect is beneficial for use in inflammatory conditions. Ixekizumab is indicated for the treatment of moderate-to-severe plaque psoriasis and as a second-line therapy for active psoriatic arthritis.

Affinity The monovalent intrinsic affinity of AbD60554pap was measured as $K_D = 0.6$ nM by real time, label free molecular interaction analysis on immobilized ixekizumab.

ELISA Clone AbD60554pap can be used in direct ELISA to detect ixekizumab. It can also be used as a detection antibody to develop a pharmacokinetic (PK) bridging ELISA for ixekizumab, together with [TZA0107](#) as the capture reagent.

Storage This product is shipped frozen.
When ready to use, thaw and aliquot the sample as needed. Store aliquots at -70°C , if available, otherwise store at -20°C . It is not recommended to keep aliquots at 4°C for more than one week. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee 12 months from date of despatch

Acknowledgements This product and/or its use is covered by claims of U.S. patents, and/or pending U.S. and non-U.S. patent applications owned by or under license to Bio-Rad Laboratories, Inc. See bio-rad.com/en-us/trademarks for details.
His-tag is a registered trademark of EMD Biosciences.
Cynamza is a trademark of Eli Lilly.

Health And Safety Information Material Safety Datasheet documentation #20479 available at: <https://www.bio-rad-antibodies.com/SDS/TZA0107P>

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Regulatory For research purposes only

Technical Advice Recommended protocols for coupling a Fab antibody with a SpyTag to a SpyCatcher can be found at [SpyTag and SpyCatcher Products](#), and further information about HuCAL recombinant antibody technology can be found in the [HuCAL Antibodies Technical Manual](#)

Related Products

Recommended Useful Reagents

[HISPEC ASSAY DILUENT \(BUF049A\)](#)

[HUMAN ANTI IXEKIZUMAB \(HCA432\)](#)

[HUMAN ANTI IXEKIZUMAB \(HCA433\)](#)

[HUMAN ANTI IXEKIZUMAB \(HCA434\)](#)

[HUMAN ANTI IXEKIZUMAB \(HCA435\)](#)

[HUMAN ANTI IXEKIZUMAB \(TZA0105\)](#)

[HUMAN ANTI IXEKIZUMAB \(TZA0106\)](#)

[HUMAN ANTI IXEKIZUMAB:HRP \(TZA0106P\)](#)

[HUMAN ANTI IXEKIZUMAB \(TZA0107\)](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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