

## Datasheet: HCA402SBUV770

**BATCH NUMBER 64736194**

<b>Description:</b>	HUMAN ANTI HUMAN CD127:StarBright UltraViolet 770
<b>Specificity:</b>	CD127
<b>Format:</b>	StarBright UltraViolet 770
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	AbD11590kb
<b>Isotype:</b>	HuCAL/mouse IgG2a Fc
<b>Quantity:</b>	100 TESTS/0.5ml

### 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			Neat

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.

**Target Species** Human

**Product Form** Recombinant chimeric human/mouse IgG2a antibody selected from the HuCAL phage display library and expressed in a human cell line. The antibody has variable regions of human origin and an Fc portion (including CH1 and CL domains) from mouse IgG2a. This antibody is conjugated to StarBright UltraViolet 770. Supplied as a liquid.

Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	StarBright UltraViolet 770	340	765

**Preparation** Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

**Source** HKB-11

**Buffer Solution** Phosphate buffered saline

<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	1% Bovine Serum Albumin 0.1% Pluronic F68 0.1% PEG 3350 0.05% Tween 20
<b>Immunogen</b>	Recombinant human IL-7 R alpha/CD127/Fc chimera
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P16871</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">3575</a> IL7R <a href="#">Related reagents</a>
<b>Specificity</b>	<b>Human anti Human CD127 antibody, clone AbD11590kb</b> recognizes the alpha chain of the human interleukin-7 receptor (IL-7R), which is also known as CD127. CD127 is a ~65-75 kDa transmembrane glycoprotein that associates with the interleukin-2 receptor gamma chain to form the functional high affinity IL-7 receptor. CD127 is expressed on lymphoid precursors in the bone marrow, pro-B cells, a subpopulation of thymocytes, T-cells and inflammatory monocytes. CD127 is the specific receptor for IL-7 and the IL-7 receptor plays a critical role in lymphoid development.
<b>Flow Cytometry</b>	Use 5µl of the suggested working dilution to label 10 <sup>6</sup> cells in 100µl. Best practices suggest a 5 minutes centrifugation at 6,000g prior to sample application.
<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted.
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	This product is covered by U.S. Patent No. 10,150,841 and related U.S. and foreign counterparts. 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 <a href="http://bio-rad.com/en-us/trademarks">bio-rad.com/en-us/trademarks</a> for details.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20471 available at: <a href="https://www.bio-rad-antibodies.com/SDS/HCA402SBUV770">https://www.bio-rad-antibodies.com/SDS/HCA402SBUV770</a>
<b>Regulatory</b>	For research purposes only
<b>Technical Advice</b>	Recommended protocols and further information about HuCAL recombinant antibody technology can be found in the <a href="#">HuCAL Antibodies Technical Manual</a> .

## Related Products

### Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://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](http://bio-rad-antibodies.com/datasheets)  
'M450781:260528'

**Printed on 09 Jul 2026**

---

© 2026 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)