

Datasheet: 0100-0242

BATCH NUMBER 159578

Description:	MOUSE ANTI HUMAN CD121a
Specificity:	CD121a
Other names:	INTERLEUKIN 1 RECEPTOR TYPE 1
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	35730 (49/20)
Isotype:	IgG1
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	▪			
Western Blotting	▪			

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 the appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<5% Trehalose
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Recombinant peptide corresponding to the extracellular domain of human CD121a

expressed in insect cell line Sf21.

External Database**Links****UniProt:**

[P14778](#) [Related reagents](#)

Entrez Gene:

[3554](#) IL1R1 [Related reagents](#)

Synonyms

IL1R, IL1RA, IL1RT1

RRID

AB_617210

Specificity

Mouse anti human CD121a, clone 35730, recognizes interleukin-1 receptor type 1 (IL1R1). IL1RA/CD121a is widely expressed in a number of cell types including T cells and fibroblasts ([Sims *et al.*](#)) and is involved in the activation of NF-kappa-B ([Slack *et al.*](#)).

Further Reading

1. Sims, J. *et al.* (1989) Cloning the interleukin 1 receptor from human T cells. [Proc Natl Acad Sci U S A. 86: 8946-50.](#)
 2. Slack, J. *et al.* (2000) Identification of two major sites in the type I interleukin-1 receptor cytoplasmic region responsible for coupling to pro-inflammatory signaling pathways. [J Biol Chem. 275:4670-8.](#)
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Storage

Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10121 available at:
<https://www.bio-rad-antibodies.com/SDS/0100-0242>
10121

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP

Goat Anti Mouse IgG (STAR70...) [FITC](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M379777:210413'

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