IL2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	IL2, Monoclonal Antibody
Full Product Name	IL2 (Interleukin-2, IL-2, T-cell Growth Factor, TCGF, Aldesleukin) (MaxLight 405)
Product Gene Name	anti-IL2 antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	14G13
Host	Mouse
Species Reactivity	Rat
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by immunoaffinity chromatography.
Specificity	Recognizes rat IL-2.
Preparation and Storage	May be stored at -20 degree C. Stable for 12 months at -20 degree C. Reconstitute with sterile PBS. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Reconstituted product is stable for 12 months at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.
Immunogen	Highly purified rat IL-2.
Conjugate	MaxLight405
Product Categories/Family for anti-IL2 antibody	Antibodies; Interleukin
Applications Tested/Suitable for anti-IL2 antibody	FLISA, Western Blot (WB)
Application Notes for anti-IL2 antibody	FLISA: In a sandwich FLISA (assuming 100ul/well), a concentration of 4-8ug/ml of this antibody will detect at least 1000pg/ml of recombinant rat IL-2 when used with biotinylated antigen affinity purified anti-rat IL-2 as the detection antibody at a concentration of at least 2-4ug/ml. WB: To detect rat IL-2 by Western Blot analysis this antibody can be used at a concentration of 0.25-0.5ug/ml. When used in conjunction with compatible secondary reagents the detection limit for recombinant rat IL-2 is 2-4ng/lane, under reducing or non-reducing conditions. Applications are based on unconjugated antibody.
Related Product Information for anti-IL2 antibody	MBS6193601 is an antibody targeting IL2. Also known as IL2 (Interleukin-2, IL-2, T-cell Growth Factor, TCGF, Aldesleukin) (MaxLight 405). Reactive in Rat. Host: Mouse.
Other Notes	Small volumes of anti-IL2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL2. It may not necessarily be applicable to this product.

Protein Family	Interleukin

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-rat-antibody/il2/6193601