Interleukin 5 (IL-5) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Interleukin 5 (IL-5), Polyclonal Antibody
Full Product Name	Interleukin 5 (IL-5, BCDF-alpha, Eosinophil Differentiation Factor, EDF) (MaxLight 490)
Product Gene Name	anti-IL-5 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by immobilized antigen affinity chromatography.
Specificity	Recognizes Interleukin-5 (IL-5)
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	Highly purified (>98%) recombinant antigen.
Conjugate	MaxLight490
Note	Preservative Free
Special Handling	Hygroscopic. Keep tightly closed and desiccated.
Product Categories/Family for anti-IL-5 antibody	Antibodies; Interleukin
Applications Tested/Suitable for anti-IL-5 antibody	FLISA, Neutralization, Western Blot (WB)
Application Notes for anti-IL-5 antibody	FLISA: Detection by direct FLISA (using 100ul/well antibody solution), requires a concentration of at least 0.5ug/ml of antibody. This antigen-affinity purified antibody, in conjunction with compatible secondary reagents, allows detection of 0.2-0.4ng/well. Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity (50ng/ml), a concentration of 1.75-3.0ug/ml of this antibody is required. WB: Use at a concentration of 0.1-0.2ug/ml. Used in conjunction with compatible secondary reagents the detection limit is 1.5-3.0ng/lane, under either reducing or non-reducing conditions. Applications are based on unconjugated antibody.
Related Product Information for anti-IL-5 antibody	MaxLight490 is a new Blue-Green photostable dye conjugate comparable to DyLight488, Alexa Fluor488 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (491nm); Emission (515nm); Extinction Coefficient 73,000.
Other Notes	Small volumes of anti-IL-5 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.
Searchable Terms for IL-5 purchase	MBS6482694 is an antibody targeting IL-5. Also known as Interleukin 5 (IL-5, BCDF-alpha, Eosinophil Differentiation Factor, EDF) (MaxLight 490). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL-5. It may not necessarily be applicable to this product.

Protein Family	Interleukin-5 receptor
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.
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