Interleukin 1 Alpha (IL1a) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Interleukin 1 alpha (IL1a), Polyclonal Antibody
Full Product Name	Interleukin 1 alpha (IL1a) (MaxLight 405)
Product Gene Name	anti-IL1a antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
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 mouse Interleukin-1 alpha (IL-1a)
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: MaxLight405 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	MaxLight405
Note	Preservative Free
Special Handling	Hygroscopic. Keep tightly closed and desiccated.
Product Categories/Family for anti-IL1a antibody	Antibodies; Interleukin
Applications Tested/Suitable for anti-IL1a antibody	FLISA, Neutralization, Western Blot (WB)
Application Notes for anti-IL1a 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-IL1a antibody	MaxLight405 is a new Violet photostable dye conjugate comparable to Alexa Fluor 405, PacificBlue, Brilliant Violet 421 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (400nm); Emission (423nm); Extinction Coefficient 32,000.
Other Notes	Small volumes of anti-IL1a 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 IL1a purchase	MBS6482363 is an antibody targeting IL1a. Also known as Interleukin 1 alpha (IL1a) (MaxLight 405). Reactive in Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL1a. 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.
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