

Product Datasheet

IL-1 beta/IL-1F2 Antibody [Alexa Fluor® 350] NBP1-42767AF350

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-42767AF350

IL-1 beta/IL-1F2 Antibody [Alexa Fluor® 350]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 350
Purity	Column Chromatography
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	3553
Gene Symbol	IL1B
Species	Mouse, Rat
Reactivity Notes	0
Specificity/Sensitivity	This antibody is primarily directed against mature, 17,000 MW mouse IL-1beta and is useful in determining its presence in various assays. The antibody does not recognize human IL-1beta or mouse IL-1alpha based on a neutralization assay. In ELISA formats and other immunoreactive assays, reactivity occurs with rat IL-1beta. This antibody will recognize 10% of the non-denatured (native) precursor 31,000 MW mouse IL-1beta containing samples but will primarily detect all of the 17,000 MW mature molecule. However, in immunoblot analysis, the usual procedure of heating the sample in SDS with or without reducing agents will facilitate denaturing of the 31,000 MW IL- 1beta precursor molecule. Denatured 31,000 precursor IL-1beta will be recognized by this antibody.
Immunogen	This IL-1 beta/IL-1F2 Antibody was prepared by repeated immunizations with recombinant mouse IL-1 beta/IL-1F2 produced in E.coli. The MW of recombinant mouse IL-1 beta/IL-1F2 was 17 kDa. (Uniprot: P10749)



Notes	<p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p>
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Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Dot Blot, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

IL-1 beta/IL-1F2 Antibody [Alexa Fluor® 350] [NBP1-42767AF350] - Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.



Alexa Fluor® 350

LASER (nm)	FILTER
UV (350)	450/45

EXCITATION MAX (nm)	EMISSION MAX (nm)
346	442



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Products Related to NBP1-42767AF350

NBP2-24891AF350	Rabbit IgG Isotype Control [Alexa Fluor® 350]
NBP2-35895-10ug	Recombinant Human IL-1 beta/IL-1F2 Protein
210-TA-005	TNF-alpha [Unconjugated]
201-LB-005	IL-1 beta/IL-1F2 [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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