

Product Datasheet

IL-13 Antibody (13A) - BSA Free NBP1-43239-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP1-43239-0.1mg

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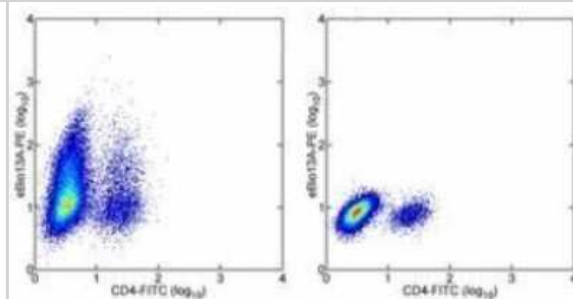
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	13A
Preservative	0.09% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

Product Description	
Host	Rat
Gene ID	3596
Gene Symbol	IL13
Species	Mouse
Reactivity Notes	This antibody is reactive to Mouse.
Immunogen	The immunogen for this antibody was IL13.

Product Application Details	
Applications	ELISA, Flow Cytometry
Recommended Dilutions	Flow Cytometry, ELISA
Application Notes	<p>The eBio13A antibody has been tested as the capture antibody in a sandwich ELISA (and ELISPOT) for analysis of mouse IL-13, in combination with the biotinylated eBio1316H antibody for detection (13-7135) and recombinant mouse IL-13 (14-8131) as the standard. A suitable range of concentrations of this antibody for ELISA capture is 1.0 - 4.0 ug/ml. A standard curve consisting of doubling dilutions of the recombinant standard over the range of 1000 pg/ml - 8.0 pg/ml should be included in each ELISA plate.</p> <p>The Functional Grade Purified eBio1316H antibody (16-7135) is recommended for in vitro blocking studies.</p>

Images

Flow Cytometry: IL-13 Antibody (13A) [NBP1-43239] - Analysis using PE conjugate of NBP1-43239. BALB/c splenocytes were stimulated for 3 days with plate-bound Anti-Mouse CD3e Functional Grade Purified (cat. 16-0031), soluble Anti-Mouse CD28 Functional Grade Purified (cat. 16-0281), Mouse IL-2 Recombinant Protein (cat. 14-8021), and Mouse IL-4 Recombinant Protein (cat. 14-8041). Cells were then restimulated with Cell Stimulation Cocktail (plus protein transport inhibitors) for 5 hours. Following restimulation, cells were fixed and permeabilized then stained with Anti-Mouse CD4 FITC (cat. 11-0042) and 0.125 ug of Rat IgG1 K Isotype Control PE (cat. 12-4301) or 0.125 ug of Anti-Mouse IL-13 PE. Viable cells, as determined by Fixable Viability Dye eFluor® 780, were used for analysis.



Publications

Di Martino L, De Salvo C, Buela KA et al. Candida tropicalis Infection Modulates the Gut Microbiome and Confers Enhanced Susceptibility to Colitis in Mice Cellular and molecular gastroenterology and hepatology 2021-12-07 [PMID: 34890843] (FLOW, Mouse)

Green CD, Ma Q, Manske GL et al. A Comprehensive Roadmap of Murine Spermatogenesis Defined by Single-Cell RNA-Seq Dev. Cell 2018-08-21 [PMID: 30146481] (FLOW, Mouse)





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Products Related to NBP1-43239-0.1mg

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NBP1-75398	Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed)
NBP1-43322-0.5mg	Rat IgG1 Kappa Light Chain Isotype Control (RG1)
NBP2-35018-10ug	Recombinant Human IL-13 Protein

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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