

CD124 Recombinant Rabbit Monoclonal Antibody (Astra-1), Alexa Fluor™ 488, eBioscience™

Product Details

Size	100 µg
Species Reactivity	Mouse
Host/Isotype	Rabbit / IgG
Expression system	Expi293
Class	Recombinant Monoclonal
Type	Antibody
Clone	Astra-1
Conjugate	Alexa Fluor™ 488
Excitation/Emission Max	499/520 nm
Immunogen	Protein corresponding to mouse CD124 (aa26-aa233)
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	proprietary buffer/PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2848421

Applications

Tested Dilution

Publications

Flow Cytometry (Flow)

0.06 µg/test

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Product Specific Information

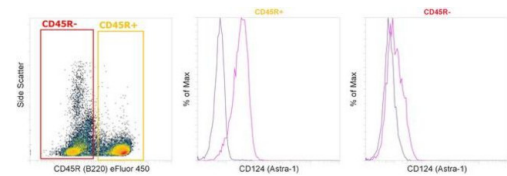
Description: This Astra-1 recombinant rabbit monoclonal antibody reacts with mouse CD124, which is also known as the IL4 receptor alpha (IL4RA) chain.

Applications Tested: This Astra-1 antibody has been tested by flow cytometric analysis of mouse splenocytes. This may be used at less than or equal to 0.06 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 488 nm; **Emission:** 519 nm; **Laser:** Blue Laser

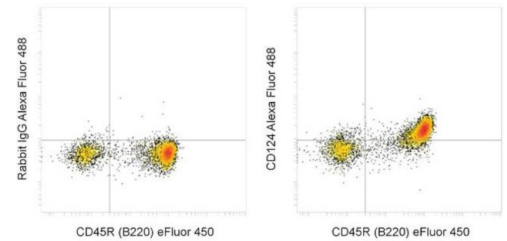
Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD124 Recombinant Rabbit Monoclonal Antibody (Astra-1), Alexa Fluor™ 488, eBioscience™



CD124 Antibody (53-1241-82)

As expected from known relative expression patterns, CD124 clone Astra-1 specifically stains only the CD45R (B220)+ subset of mouse splenocytes. The purple histograms represent the isotype control and the pink histograms represent staining with CD124 Recombinant Rabbit Monoclonal Antibody. {RE}



CD124 Antibody (53-1241-82) in Flow

BALB/c mouse splenocytes were stained with CD45R (B220) Monoclonal Antibody, eFluor 450 (Product # 48-0452-82) and 0.03 µg of Recombinant Rabbit IgG Monoclonal Isotype Control, Alexa Fluor 488 (Product # 53-4616-82) (left) or 0.03 µg of CD124 Recombinant Rabbit Monoclonal Antibody, Alexa Fluor 488 (right). Viable cells were used for analysis, as determined by Fixable Viability Dye eFluor 780 (Product # 65-0865-18).

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