Datasheet for ABIN796985

anti-IFNAR2 antibody (Carboxyfluorescein (CFS))

1 Image

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Overview

Quantity:	100 tests
Target:	IFNAR2
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IFNAR2 antibody is conjugated to Carboxyfluorescein (CFS)
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Mouse myeloma cell line NS0- derived recombinant human IFN-a/b R2 extracellular domain
Isotype:	IgG
Specificity:	Mouse IFNA/B R2.
Purification:	Immunoaffinity purified

Target Details

Target:	IFNAR2
Alternative Name:	IFNAR2 (IFNAR2 Products)
Background:	Name/Gene ID: IFNAR2 Family: Interferon Receptor Synonyms: IFNAR2, IFN-alpha/beta receptor 2, IFN-alpha-REC, IFN-alpha binding protein, IFN-R,

Target Details

	IFN-R-2, IFNARB, Type I interferon receptor 2, IFNABR
Gene ID:	3455
UniProt:	P48551
Pathways:	JAK-STAT Signaling, Hepatitis C

Application Details

Application Notes:	Approved: Flo Usage: The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Mouse
Assay Procedure:	Flow Cytometry Validation This antibody has been tested for flow cytometry using A20 cells. 1. Cells may be Fc-blocked with 1ug of mouse IgG/10e5 cells for 15 minutes at room temperature. Do not wash excess blocking IgG from this reaction. 2. After blocking, 10ul of conjugated antibody was added to 1 - 2.5 x 10e5 cells and incubated for 30 minutes at room temperature. 3. Unbound antibody was removed by washing the cells twice in Flow Cytometry Staining Buffer. Note that whole blood requires a RBC lysis step at this point using Flow Cytometry Mouse Lyse Buffer. 4. The cells were resuspended in Flow Cytometry Staining Buffer for final flow cytometric analysis. As a control for this analysis, cells in a separate tube should be treated with CFS-labeled goat IgG antibody. This procedure may need to be modified, depending upon the cell type and final utilization. Individual users may need to titrate to determine the optimal reagent amount for their specific use. 5. Cell surface expression of IFN-a/b R2 was determined by flow cytometry using 488 nm wavelength excitation and monitoring emitted fluorescence with a detector optimized to collect peak emissions at 515 - 545 nm.
Restrictions:	For Research Use only

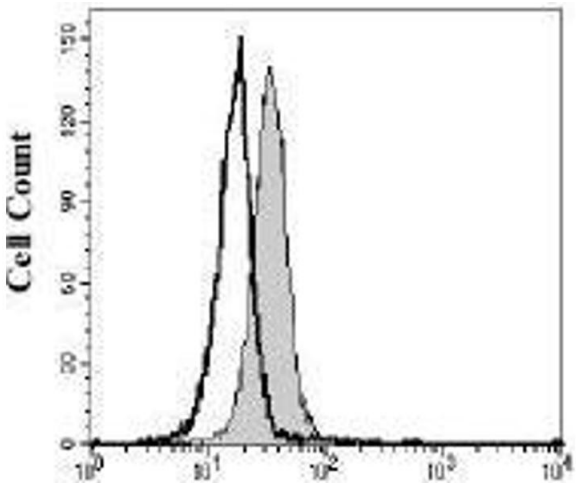
Handling

Format:	Liquid

Handling

Concentration:	Lot specific
Buffer:	PBS, up to 0.5 % BSA and 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze-thaw cycles and prolonged exposure to light.
Storage:	4 °C
Storage Comment:	Store at 4°C for up to 1 year.
Expiry Date:	12 months

Images



Flow Cytometry

Image 1. Flow Cytometric analysis of A20 cells stained with ABIN796985 (filled histogram) or isotype control (open histogram)Flow Cytometry ValidationThis antibody has been tested for flow cytometry using A20 cells.1. Cells may be Fc-blocked with 1ug of mouse IgG/10e5 cells for 15 minutes at room temperature. Do not wash excess blocking IgG from this reaction.2. After blocking, 10ul of conjugated antibody was added to 1 - 2.5 x 10e5 cells and incubated for 30 minutes at room temperature.3. Unbound antibody was removed by washing the cells twice in Flow Cytometry Staining Buffer. Note that whole blood requires a RBC lysis step at this point using Flow Cytometry Mouse Lyse Buffer.4. The cells were resuspended in Flow Cytometry Staining Buffer for final flow cytometric analysis. As a control for this analysis, cells in a separate tube should be treated with CFS-labeled goat IgG antibody. This procedure may need to be modified, depending upon the cell type and final utilization. Individual users may need to titrate to determine the optimal reagent amount for their specific use.5. Cell surface expression of IFN-a/b R2 was

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