

Datasheet for ABIN2742629  
**anti-LRRC32 antibody (FITC)**



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## Overview

Quantity:	120 tests
Target:	LRRC32
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LRRC32 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS), ELISA

## Product Details

Immunogen:	Recombinant human GARP.  Type of Immunogen: Recombinant protein
Clone:	ANC8C9
Isotype:	IgG2a kappa
Specificity:	Antibody ANC8C9 binds to recombinant GARP in EIA and to cell surface GARP expressed on a subset of FOXP3 positive cells.
Purification:	Protein A purified

## Target Details

Target:	LRRC32
Alternative Name:	LRRC32 ( <a href="#">LRRC32 Products</a> )

## Target Details

Background:	Name/Gene ID: LRRC32
	Synonyms: LRRC32, D11S833E, GARP, Garpin
Gene ID:	2615
Pathways:	<a href="#">Activated T Cell Proliferation</a>

## Application Details

Application Notes:	Approved: ELISA, Flo
	Usage: : (FACS analysis) Ficoll prepared human PBMC were stimulated in culture overnight with immobilized anti-human CD3 antibody, anti-human CD28 mAb, and human IL-2. Cells were harvested and $5 \times 10^5$ cells per tube were washed and pre incubated ~5 minutes with 20 $\mu$ L human IgG at 250 $\mu$ g/mL (to block non specific binding ) after which they were incubated 45 minutes on ice with 80 $\mu$ L of anti-CD4/APC conjugate, and anti-human GARP/FITC at dilution factor of 1:50 (5 $\mu$ g/mL). Cells were washed twice, fixed, permeabilized and co stained with anti-FOXP3/PE after which they were washed twice and analyzed by FACS, gating on CD4 positive lymphoid cells. A net 2.1 % sub population of FOXP3 positive cells stained positive with a mean shift of 0.94 log10 fluorescent units when compared to a Mouse IgG2a/FITC isotype control. This binding was blocked when cells were pre incubated with 50 $\mu$ g/mL unlabeled anti-human GARP mAb. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	50 mM sodium phosphate, pH 7.5, 100 mM potassium chloride, 150 mM sodium chloride, 0.2 % BSA, 0.04 % sodium azide, 5 % glycerol
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

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Handling Advice:	avoid freeze thaw cycles
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Storage:	4 °C
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Storage Comment:	Store at 4°C. Avoid freeze-thaw cycles and prolonged exposure to light.
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