



Datasheet for ABIN2658317  
**anti-LRRC32 antibody (APC)**



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2 Images

Overview

Quantity:	100 tests
Target:	LRRC32
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LRRC32 antibody is conjugated to APC
Application:	Biochemical Assay (BCA)

Product Details

Clone:	7B11
Isotype:	IgG2b kappa
Purification:	The antibody was purified by affinity chromatography and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.

Target Details

Target:	LRRC32
Alternative Name:	GARP ( <a href="#">LRRC32 Products</a> )
Background:	Glycoprotein A Repeats Predominant (GARP), also known as leucine rich repeat containing 32 (LRC32), is a 80 kD type I membrane glycoprotein with 20 leucine rich repeats in the extracellular portion of the protein. GARP was found on the surface of megakaryocytes, platelets, and activated Tregs (CD4+, CD25+, FoxP3+ cells) and serves as a receptor for latent

## Target Details

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TGF- $\beta$ . Recent evidence suggests that GARP may play a role in controlling suppressor function of Tregs. A mutation in GARP has been reported in a large Samaritan kindred with Usher syndrome type 1, an autosomal recessive disease characterized by profound congenital sensorineural deafness, vestibular dysfunction, and progressive visual loss. In addition, it has been found that GARP mRNA is highly amplified in different tumors, which indicates that tumor cells may use GARP to express TGF- $\beta$  or to capture TGF- $\beta$  from their surroundings, resulting in local suppression of anti-tumor immune responses or the induction of Tregs.

Pathways: [Activated T Cell Proliferation](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .

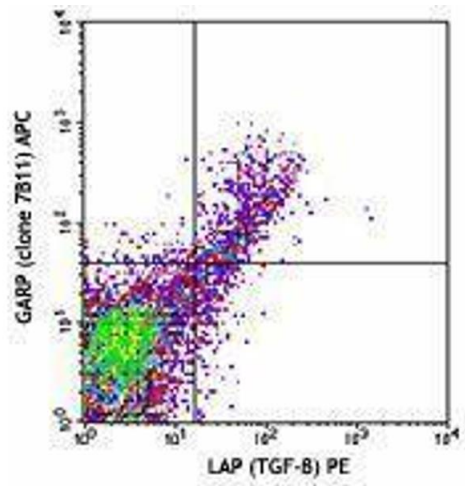
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Protect from prolonged exposure to light. Do not freeze.

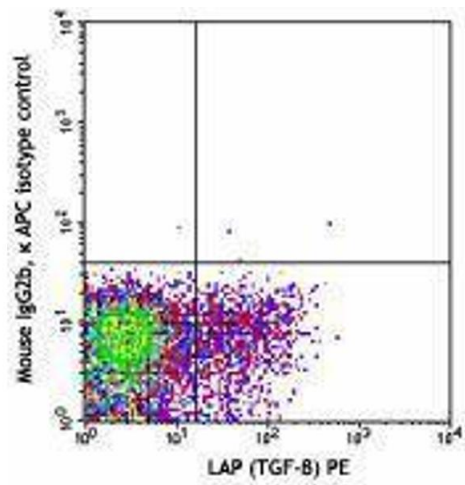
Storage: 4 °C

Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.



Flow Cytometry

Image 1.



Flow Cytometry

Image 2.