

## Datasheet for ABIN264402 **anti-KLRB1B antibody**

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### Overview

Quantity:	0.1 mg
Target:	KLRB1B
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KLRB1B antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Western Blotting (WB)

### Product Details

Immunogen:	Hybridoma produced by the fusion of splenocytes from BALB/c mice immunized (BALB/c XC57BL/6)F1 (CbyB6F1) lymphokine-activated killer (LAK) cells and mouse myeloma cell line.
Clone:	1C10
Isotype:	IgG
Characteristics:	Synonyms: NKRP1, Klrb1c NKRP1
Purification:	Purified

### Target Details

Target:	KLRB1B
Alternative Name:	Natural Killer Cell Receptor-P1 ( <a href="#">KLRB1B Products</a> )
Background:	Natural Killer (NK) cells are large, granular lymphocytes found primarily in peripheral blood,

## Target Details

where they make up about 10 % of the lymphocyte population. Their function is to defend against certain types of tumor cells and virally infected cells. When triggered, the cells release cytotoxic granules which induce either apoptosis or necrosis in the target cell. There are known to be two sets of cell surface receptor on NK cells which recognize target cells with opposing functions. One set, of which an example is NKR-P1 receptors, trigger cytokine release and cell cytotoxicity and the other set, of which Ly49A is an example, inhibit cytokine release. These receptors bind with MHC class I molecules on the surface of healthy cells which inhibits the release of cytokines. In virally infected or cancerous cells, class I MHC molecules are not expressed, inducing the release of cytokine. An activation signal is known to exist, however the mechanics of this signal are not very well understood. Synonyms: Klr1c NKR-P1, NKRP1

UniProt: [Q61970](#)

## Application Details

Application Notes: Western Blot (1-5 µg/mL). Immunoprecipitation.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

Buffer: PBS containing 0.08 % Sodium Azide as preservative.

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store the antibody at -20 °C. Avoid repeated freezing and thawing.  
Shelf life: One year from despatch.

Expiry Date: 12 months