

# RNF19B Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11179c

## Product Information

---

<b>Application</b>	WB, FC, E
<b>Primary Accession</b>	<a href="#">Q6ZM20</a>
<b>Other Accession</b>	<a href="#">A2A7Q9</a> , <a href="#">NP_001120833.1</a> , <a href="#">NP_699172.2</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB28972
<b>Calculated MW</b>	77925
<b>Antigen Region</b>	369-398

## Additional Information

---

<b>Gene ID</b>	127544
<b>Other Names</b>	E3 ubiquitin-protein ligase RNF19B, 632-, IBR domain-containing protein 3, Natural killer lytic-associated molecule, RING finger protein 19B, RNF19B, IBRDC3, NKLAM
<b>Target/Specificity</b>	This RNF19B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 369-398 amino acids from the Central region of human RNF19B.
<b>Dilution</b>	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	RNF19B Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	RNF19B
<b>Synonyms</b>	IBRDC3, NKLAM

<b>Function</b>	E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates, such as UCKL1 (PubMed: <a href="#">16709802</a> , PubMed: <a href="#">27485036</a> ). Involved in the cytolytic activity of natural killer cells and cytotoxic T-cells (PubMed: <a href="#">10438909</a> ). Protects against staurosporin-induced cell death (PubMed: <a href="#">27485036</a> ).
<b>Cellular Location</b>	Cytoplasmic granule membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein
<b>Tissue Location</b>	Expressed specifically in natural killer cells, activated macrophages and cytotoxic T-cells (PubMed:10438909). Present in natural killer cells (at protein level) (PubMed:10912506) Ubiquitously expressed with high expression in testis (PubMed:27485036).

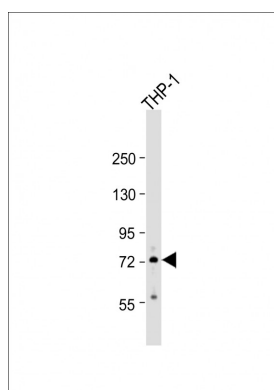
## Background

IBRDC3 is a cytolysis-associated transmembrane protein expressed in natural killer (NK) cells and T lymphocytes following cytokine stimulation (Kozlowski et al., 1999 [PubMed 10438909]).

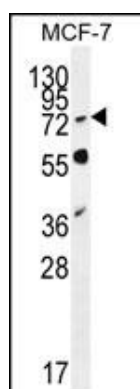
## References

Fortier, J.M., et al. J. Immunol. 176(11):6454-6463(2006)  
Kozlowski, M., et al. J. Immunol. 163(4):1775-1785(1999)

## Images

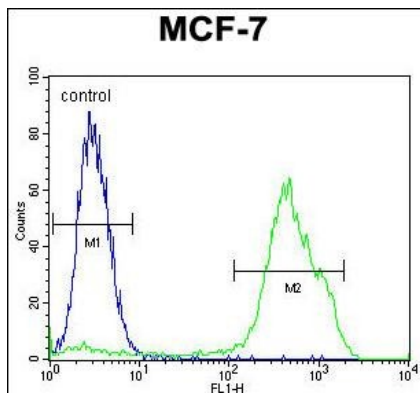


Anti-RNF19B Antibody (Center) at 1:500 dilution + THP-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 78 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



RNF19B Antibody (Center) (Cat. #AP11179c) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the RNF19B antibody detected the RNF19B protein (arrow).

RNF19B Antibody (Center) (Cat. #AP11179c) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary



antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.