

RNF19B Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11179c**Specification**

RNF19B Antibody (Center) - Product Information

Application	WB, FC,E
Primary Accession	Q6ZMZ0
Other Accession	A2A7Q9 , NP_001120833.1 , NP_699172.2
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	77925
Antigen Region	369-398

RNF19B Antibody (Center) - Additional Information**Gene ID** 127544**Other Names**

E3 ubiquitin-protein ligase RNF19B, 632-, IBR domain-containing protein 3, Natural killer lytic-associated molecule, RING finger protein 19B, RNF19B, IBRDC3, NKLAM

Target/Specificity

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.

Dilution

WB~~1:500

FC~~1:10~50

E~~Use at an assay dependent concentration.

Format

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.

Storage

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.

Precautions

RNF19B Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

RNF19B Antibody (Center) - Protein Information

Name RNF19B**Synonyms** IBRDC3, NKLAM

Function 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:[16709802](#), PubMed:[27485036](#)). Involved in the cytolytic activity of natural killer cells and cytotoxic T-cells (PubMed:[10438909](#)). Protects against staurosporin-induced cell death (PubMed:[27485036](#)).

Cellular Location

Cytoplasmic granule membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein

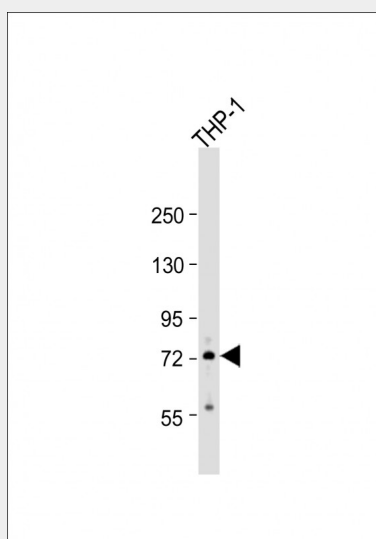
Tissue Location

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).

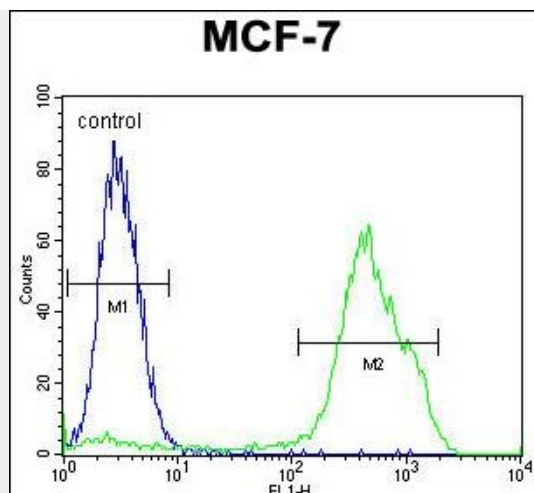
RNF19B Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RNF19B Antibody (Center) - 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) 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.

RNF19B Antibody (Center) - 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]).

RNF19B Antibody (Center) - References

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