10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

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

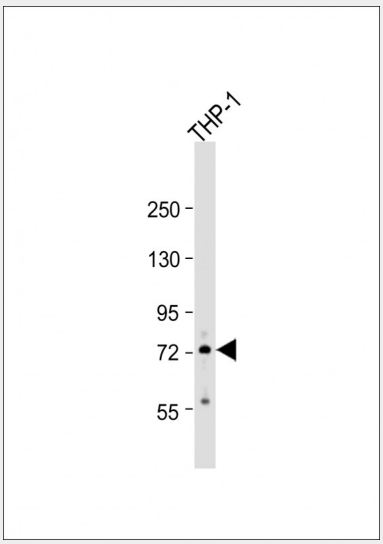
Tissue Location
Expressed specifically in natural killer cells, activated macrophages and cytotoxic T-cells (PubMed:10438909). Present in natural killer cells (at protein level) (PubMed:10912506) Ubiquitously expressed with high expression in testis (PubMed:27485036).

RNF19B Antibody (Center) - Protocols

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

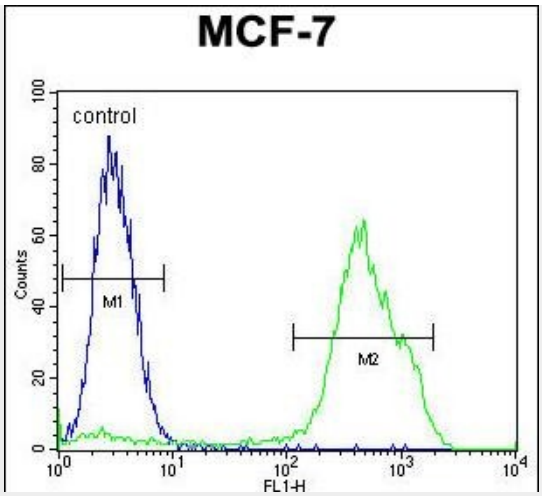
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



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)