

PRF1 monoclonal antibody

Catalog: MB23189

Host: Mouse

Reactivity: Human, Mouse

Background:

This gene encodes a protein with structural similarities to complement component C9 that is important in immunity. This protein forms membrane pores that allow the release of granzymes and subsequent cytolysis of target cells. Whether pore formation occurs in the plasma membrane of target cells or in an endosomal membrane inside target cells is subject to debate. Mutations in this gene are associated with a variety of human disease including diabetes, multiple sclerosis, lymphomas, autoimmune lymphoproliferative syndrome (ALPS), aplastic anemia, and familial hemophagocytic lymphohistiocytosis type 2 (FHL2), a rare and lethal autosomal recessive disorder of early childhood.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

61.3kDa

Swiss-Prot:

P14222

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

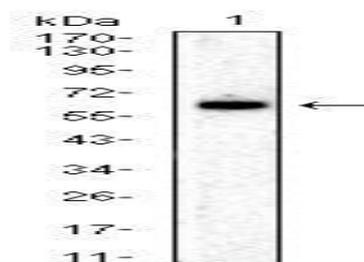
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

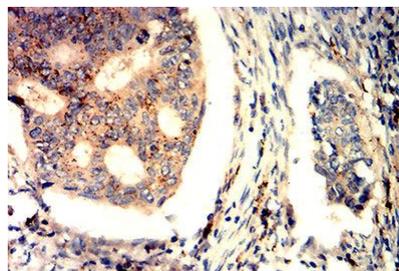
Isotype:

Mouse IgG1

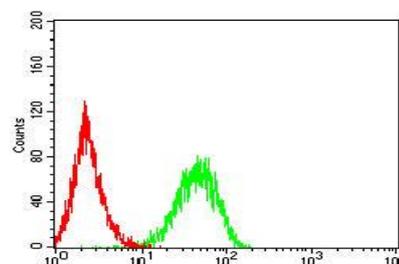
DATA:



Western blot analysis using PRF1 mouse mAb against mouse liver (1) cell lysate.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using PRF1 mouse mAb with DAB staining.



Flow cytometric analysis of Jurkat cells using PRF1 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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