

## RF1 monoclonal antibody

Catalog: MB22111

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes a class-1 polypeptide chain release factor. The encoded protein plays an essential role in directing termination of mRNA translation from the termination codons UAA, UAG and UGA. This protein is a component of the SURF complex which promotes degradation of prematurely terminated mRNAs via the mechanism of nonsense-mediated mRNA decay (NMD). Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 6, 7, and X.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

49kDa

### Swiss-Prot:

P62495

### 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 FC:1/200 - 1/400

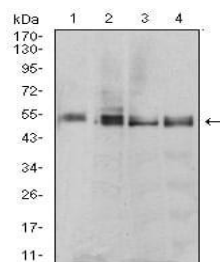
### Storage&Stability:

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

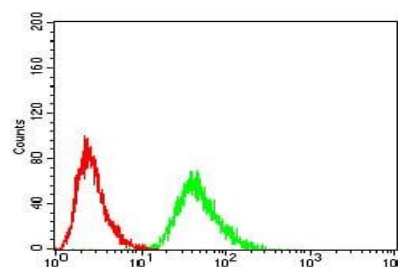
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using mouse mAb against MCF-7 (1), T47D (2), MOLT4 (3), and Raji (4) cell lysate.



Flow cytometric analysis of HeLa cells using RF1 mouse mAb (green) and negative control (red).

### Note:

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

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