RNF20 Rabbit mAb

Catalog No: #48712

Package Size: #48712-1 50ul #48712-2 100ul

Signalway Antibody
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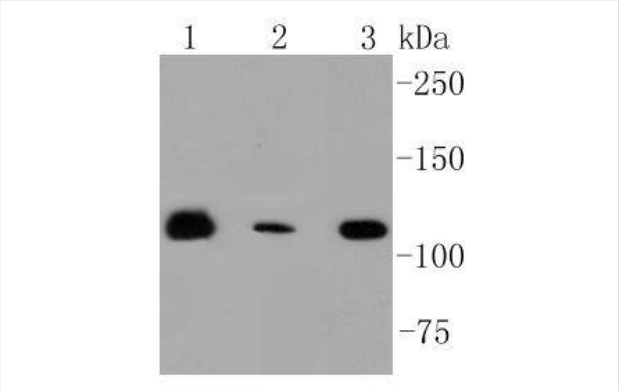
Description

Product Name	RNF20 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SP00-47
Purification	ProA affinity purified
Applications	WB, IP, FC
Species Reactivity	Hu, Ms
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	BRE1 A antibody BRE1 antibody BRE1 E3 ubiquitin ligase homolog antibody BRE1-A antibody BRE1A antibody BRE1A_HUMAN antibody E3 ubiquitin-protein ligase BRE1A antibody hBRE1 antibody Homolog of S. cerevisiae BRE1 antibody RING finger protein 20 antibody Ring finger protein 20 E3 ubiquitin protein ligase antibody Rnf20 antibody
Accession No.	Swiss-Prot#:Q5VTR2
Calculated MW	114 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

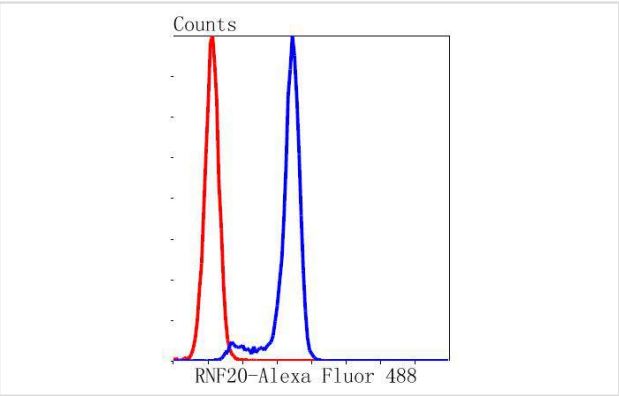
Application Details

WB: 1:1,000ICC: 1:50-1:200 FC: 1:50-1:100

Images



Western blot analysis of RNF20 on different lysates using anti-RNF20 antibody at 1/1,000 dilution. Positive control:
Lane 1: Hela Lane 2: MCF-7 Lane 3: Jurkat



Flow cytometric analysis of K562 cells with RNF20 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody

Background

Ubiquitination is an important mechanism through which three classes of enzymes act in concert to target short-lived or abnormal proteins for destruction. The three classes of enzymes involved in ubiquitination are the ubiquitin-activating enzymes (E1s), the ubiquitin-conjugating enzymes (E2s) and the ubiquitin-protein ligases (E3s). RNF20 (ring finger protein 20), also known as BRE1, BRE1A or hBRE1, is a 975 amino acid nuclear protein that belongs to the BRE1 family. As a component of the RNF20/40 complex, RNF20 functions as an E3 ubiquitin-protein ligase that regulates the monoubiquitination and subsequent degradation of select residues on target proteins, such as Histone H2B. RNF20 is required for transcriptional activation of Hox genes and is most likely recruited by p53 to the MDM2 promoter, thereby acting as a transcriptional co-activator. RNF20 contains one zinc finger domain and exists as a homodimer.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.