



RNF20 Mouse mAb

Catalog No	YP-mAb-19284
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RNF20 BRE1A
Immunogen	Synthesized peptide derived from human RNF20
Specificity	This antibody detects endogenous levels of RNF20 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BRE1;BRE1A;hBRE1;RNF20;RNF20 BRE1A;E3 ubiquitin-protein ligase BRE1A (BRE1-A) (hBRE1) (RING finger protein 20)
Observed Band	114kDa
Calculated Molecular Weight	114kDa
Cell Pathway	Expressed in the normal brain and also in malignant gliomas (at protein level).
Tissue Specificity	
Function	Nucleus .
Background	Component of the RNF20/40 E3 ubiquitin-protein ligase complex that mediates monoubiquitination of 'Lys-120' of histone H2B (H2BK120ub1). H2BK120ub1 gives a specific tag for epigenetic transcriptional activation and is also prerequisite for histone H3 'Lys-4' and 'Lys-79' methylation (H3K4me and H3K79me, respectively). It thereby plays a central role in histone code and gene regulation. The RNF20/40 complex forms a H2B ubiquitin ligase complex in cooperation with the E2 enzyme UBE2A or UBE2B; reports about the cooperation with UBE2E1/UBCH are contradictory. Required for transcriptional activation of Hox genes. Recruited to the MDM2 promoter, probably by being



recruited by p53/TP53, and thereby acts as a transcriptional coactivator. Mediates the polyubiquitination of isoform 2 of PA2G4 in cancer cells leading to its proteasome-mediated degradation.

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

