Recombinant DGRmAb®

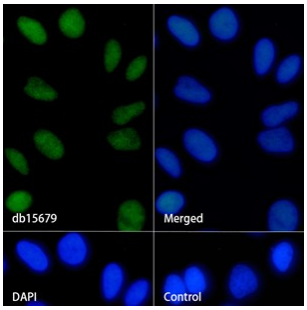
RNF20 (DGR12984) Rabbit mAb (PBS Only)

db15679-PBS **Package : 10μg 100μg**

Product Name : RNF20 (DGR12984) Rabbit mAb (PBS Only)
Cat.No.: db15679-PBS
Synonyms : BRE1; BRE1A; hBRE1
Application : WB, ICC/IF, FC, IP
Reactivity : Human,Mouse
Host species : Rabbit

Background	The protein encoded by this gene shares similarity with BRE1 of S. cerevisiae. The protein encoded by this human gene is an E3 ubiquitin ligase that regulates chromosome structure by monoubiquitinating histone H2B. This protein acts as a putative tumor suppressor and positively regulates the p53 tumor suppressor as well as numerous histone H2A and H2B genes. In contrast, this protein also suppresses the expression of several protooncogenes and growth-related genes, including many genes that are induced by epidermal growth factor. This gene selectively suppresses the expression of some genes by interfering with chromatin recruitment of transcription elongation factor SII (TFIIS). [provided by RefSeq, Feb 2012]
Immunogen	A synthetic peptide of human RNF20
Gene ID	56254
Swiss Prot	Q5VTR2
Synonyms	BRE1; BRE1A; hBRE1
Reactivity	Human,Mouse
Application	WB, ICC/IF, FC, IP
Calculated MW	114 kDa
Observed MW	120 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12984
Isotype	IgG
Purity	Affinity Purification

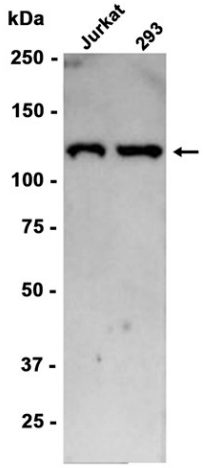
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



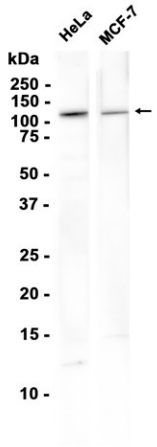
Immunofluorescence analysis of HeLa cells labelling RNF20 with db15679.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db15679 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.



Western blot analysis of extracts from Jurkat, 293 cells using db15679 at 1:1000.



Western blot analysis of extracts from HeLa, MCF-7 cells using db15679 at 1:1000.