

Recombinant

DGRmAb®

RNF20 (DGR12984) Rabbit mAb

db15679

Package : 10µL 20µL 50µL 100µL

Product Name : RNF20 (DGR12984) Rabbit mAb**Cat.No.:** db15679**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

Recommended dilutionWB: 1:1000
ICC/IF: 1:100-1:200
FC: 1:200
IP: 1:50**Calculated MW**

114 kDa

Observed MW

120 kDa

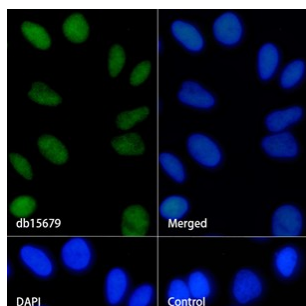
Host species

Rabbit

Clonality

Monoclonal

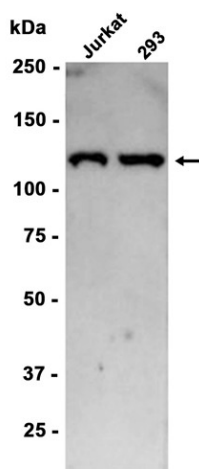
Clonality No.	DGR12984
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



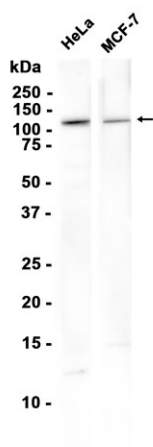
Immunofluorescence analysis of HeLa cells labelling RNF20 with db15679.

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 temperature 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.