

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

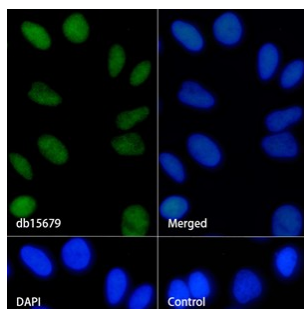
Isotype

IgG

Purity

Affinity Purification

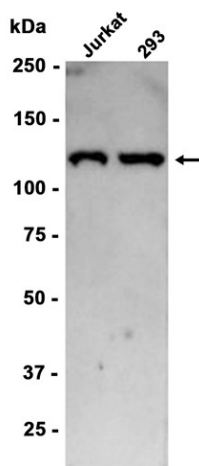
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



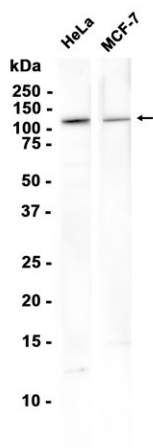
Immunofluorescence analysis of HeLa cells labelling RNF20 with [db15679](#).

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.

