







SA2 (DGR11251) Rabbit mAb

db16042 Package : 10μL 20μL 50μL 100μL

Product Name: SA2 (DGR11251) Rabbit mAb

Cat.No.: db16042

Synonyms: SA2; SA-2; SCC3B; bA517O1.1

Application: WB, IHC-P, ICC/IF, FC

Reactivity: Human, Mouse, Rat

Host species: Rabbit

Background The protein encoded by this gene is a subunit of the cohesin complex, which regulates the

separation of sister chromatids during cell division. Targeted inactivation of this gene results in chromatid cohesion defects and aneuploidy, suggesting that genetic disruption of cohesin is a cause of aneuploidy in human cancer. Alternatively spliced transcript variants encoding different

isoforms have been found for this gene. [provided by RefSeq, Sep 2013]

Immunogen Recombinant protein of human SA2

Gene ID 10735

Swiss Prot Q8N3U4

Synonyms SA2; SA-2; SCC3B; bA517O1.1

Reactivity Human, Mouse, Rat

Application WB, IHC-P, ICC/IF, FC

Recommended dilution WB: 1:1000

IHC-P: 1:200-1:2000 ICC/IF: 1:200-1:500

FC: 1:100-1:200

Calculated MW 141 kDa

Observed MW 141 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR11251

Isotype IgG



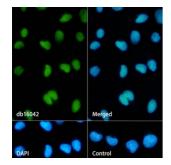


Purity Affinity Purification

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 SA2 with db16042.

The cells were fixed with cold 100% methanol (10min, 4° C) 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 db16042 (1:500) 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.