

Recombinant

DGRmAb®

## SAFB (DGR19959) Rabbit mAb

db13550

Package : 10µL 20µL 50µL 100µL

**Product Name :** SAFB (DGR19959) Rabbit mAb**Cat.No.:** db13550**Synonyms :** HAP; HET; SAF-B; SAFB1; SAB-B1; SAF-B1**Application :** WB, IHC-P, ICC/IF**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes a DNA-binding protein which has high specificity for scaffold or matrix attachment region DNA elements (S/MAR DNA). This protein is thought to be involved in attaching the base of chromatin loops to the nuclear matrix but there is conflicting evidence as to whether this protein is a component of chromatin or a nuclear matrix protein. Scaffold attachment factors are a specific subset of nuclear matrix proteins (NMP) that specifically bind to S/MAR. The encoded protein is thought to serve as a molecular base to assemble a 'transcriptosome complex' in the vicinity of actively transcribed genes. It is involved in the regulation of heat shock protein 27 transcription, can act as an estrogen receptor co-repressor and is a candidate for breast tumorigenesis. This gene is arranged head-to-head with a similar gene whose product has the same functions. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2011]

**Immunogen**

A synthetic peptide of human SAFB

**Gene ID**

6294

**Swiss Prot**

Q15424

**Synonyms**

HAP; HET; SAF-B; SAFB1; SAB-B1; SAF-B1

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:200-1:500

ICC/IF: 1:100

**Calculated MW**

103 kDa

**Observed MW**

150 kDa

**Host species**

Rabbit

Clonality	Monoclonal
Clonality No.	DGR19959
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.
	<div><div></div><div>Western blot detection of SAFB in K562,3T3,Hela cell lysates using SAFB antibody(1:1000 diluted).</div></div>
	<div><div></div><div>Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using db13550 antibody.</div></div>
	<div><div></div><div>Immunofluorescent analysis of 293 cells using db13550 antibody (green), and DAPI (blue).</div></div>