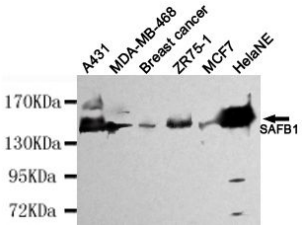
SAFB1

Mouse monoclonal Antibody

#53113

Catalog Number: 53113
Amount: 100μg/100μl
Swiss-Prot No. :Q15424
Gene name:safb1
Gene id:6294
Clone Number： 2E8-E2-G6
Form of Antibody: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%,glycerol
Storage/Stability: Store at -20℃/1 year
Immunogen: Purified recombinant human SAFB1 protein fragments expressed in E.coli
Purification: affinity-chromatography
Specificity/Sensitivity: This antibody detects endogenous levels of SAFB1 and does not corss-react with related proteins
Reactivity: Human,
Applications: Predicted MW: 130kd WB: 1:1000 ICC:1:200



Western blot detection of SAFB1 in HelaNE,A431,MDA-MB-468,Breast cancer,ZR75-1 and MCF7 cell lysates using SAFB1 mouse mAb (1:4000 diluted).Predicted band size: 130kDa.Observed band size: 130kDa.

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.