

AREB6 monoclonal antibody

Catalog: MB66977

Host: Mouse

Reactivity: Human

BackGround:

ZEB family proteins are zinc-finger and homeobox domain containing transcription factors. There are two members in mammals, ZEB1 (δ -EF1, TCF8, AREB6) and ZEB2 (SIP1). ZEB1 and ZEB2 contain two separate zinc-finger domains and a homeodomain (1). While ZEB proteins mainly function as transcriptional suppressors, they are able to activate transcription, dependent on DNA-context and cell type. One of the targets suppressed by ZEB proteins is E-cadherin. Downregulation of E-cadherin is one of the hallmarks of epithelial mesenchymal transition (EMT), a critical feature of normal embryonic development, which is also utilized by malignant epithelial tumors to spread beyond their origin. ZEB1 mutations are associated with posterior corneal dystrophy, and ZEB2 mutations were reported to be associated with Hirschsprung (HSCR) disease.

Product:

Mouse IgG1 kappa. Supplied in crude ascites with 0.01% sodium azide.

Molecular Weight:

~ 95 kDa

Swiss-Prot:

P37275

Purification&Purity:

Applications:

WB (1/500 - 1/5000), FC (1/10 - 1/50)

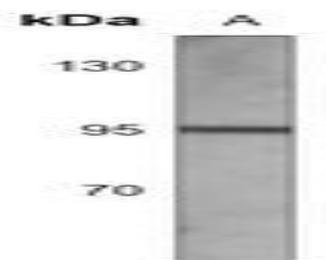
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

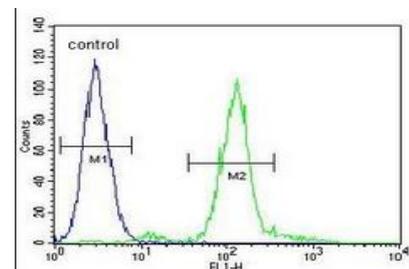
Specificity:

Recognizes endogenous levels of AREB6 protein.

DATA:



Western blot analysis of AREB6 expression in A549 (A) whole cell lysates.



Note:

For research use only, not for use in diagnostic procedure.

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