SMARCA4 (6D7) monoclonal antibody

Catalog: MB0180 Host: Mouse Reactivity: Human,Mouse

BackGround:

The SWI-SNF complex is involved in the activation of transcription via the remodeling of nucleosome structure in an ATP-dependent manner. Brm (also designated SNF2α) and Brg-1 (also designated SNF2β) are the ATPase subunits of the mammalian SWI-SNF complex. Brm, Brg-1, Ini1 (integrase interactor 1, also designated SNF5), BAF155 (also designated SRG3) and BAF170 are thought to comprise the functional core of the SWI-SNF complex.

Product:

Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%,glycerol

Molecular Weight:

Predicted band size:220KDa

Observed band size:220KDa

Swiss-Prot:

P51532

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000

IP: 1:50~200

IF: 1:50~200

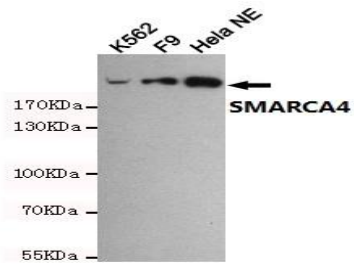
Storage&Stability:

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

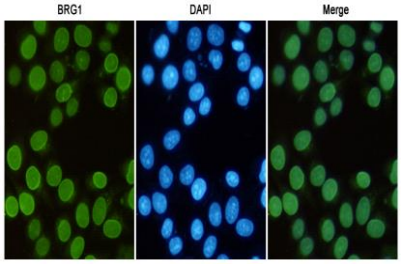
Specificity:

This antibody detects endogenous levels of SMARCA4 and does not cross-react with related proteins.

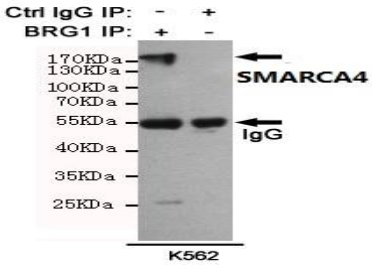
DATA:



Western blot detection of SMARCA4 in Hela NE,F9 and K562 cell lysates using SMARCA4 mouse mAb (1:1000 diluted).



Immunofluorescent analysis of Hela cells fixed with 4% Paraformaldehyde and using anti-SMARCA4 mouse mAb (dilution 1:50). DAPI was used to stain nucleus(blue).



Immunoprecipitation analysis of K562 cell lysates using SMARCA4 mouse mAb.

Note:

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

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