

S100A9 monoclonal antibody

Catalog: MB23206

Host: Mouse

Reactivity: Human

BackGround:

The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and altered expression of this protein is associated with the disease cystic fibrosis. This antimicrobial protein exhibits antifungal and antibacterial activity.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

13.2kDa

Swiss-Prot:

P06702

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:

IHC:1/200 - 1/1000 FC:1/200 - 1/400

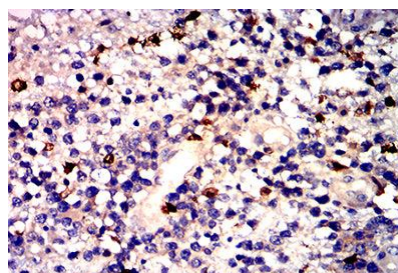
Storage&Stability:

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

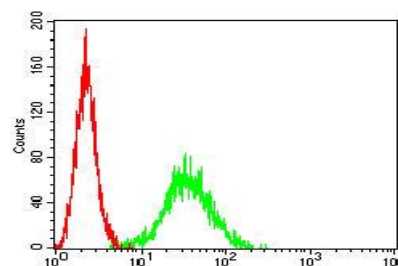
Isotype:

Mouse IgG1

DATA:



Immunohistochemical analysis of paraffin-embedded human brain tumor tissues using S100A9 mouse mAb with DAB staining.



Flow cytometric analysis of THP-1 cells using S100A9 mouse mAb (green) and negative control (red).

Note:

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

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