

## S100A4 monoclonal antibody

Catalog: MB23443

Host: Mouse

Reactivity: Human, Mouse, Rat

### 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 motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

11.7kDa

### Swiss-Prot:

P26447

### 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

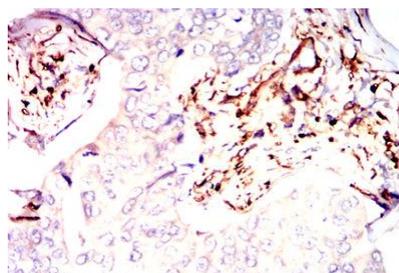
### Storage&Stability:

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

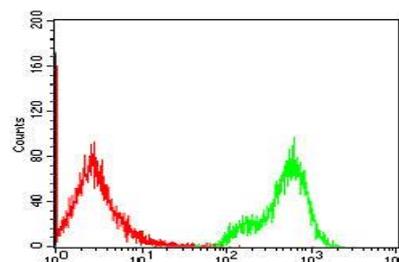
### Isotype:

Mouse IgG1

### DATA:



Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using S100A4 mouse mAb with DAB staining.



Flow cytometric analysis of Jurkat cells using S100A4 mouse mAb (green) and negative control (red).

### Note:

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

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