Immunoway
Best Tools for immunology Research

S100A4 mouse mAb

Catalog No : YM1458

Reactivity : Human

Applications : WB

Target : S100A4

Gene Name : S100A4

Human Gene Id : 6275

Human Swiss Prot No : P26447

Mouse Swiss Prot No : P07091

Immunogen : Recombinant human S100A4 protein.

Specificity : This antibody detects endogenous levels of S100A4 and does not cross-react with related proteins.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source : Monoclonal, Mouse

Dilution : wb dilution 1:500

Purification : The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 12kD

Background : S100 calcium binding protein A4(S100A4) Homo sapiens 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. [provided by RefSeq, Jul 2008],

Function :   similarity:Belongs to the S-100 family.,similarity:Contains 2 EF-hand domains.,subunit:Homodimer. Interacts with PPFIBP1 in a calcium-dependent mode.,tissue specificity:Ubiquitously expressed.,

Subcellular Location : Secreted . Nucleus . Cytoplasm .

Expression : Ubiquitously expressed.

Tag : orthogonal
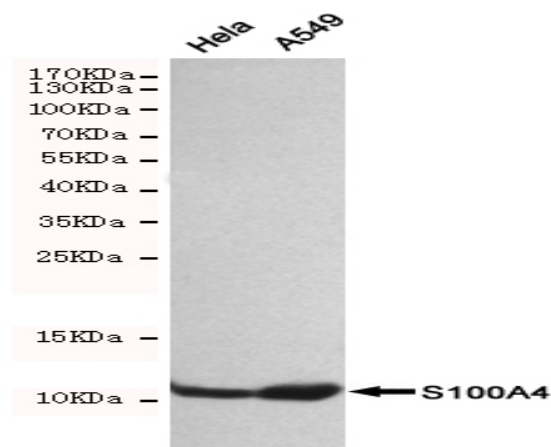
Sort : 1186

No4 : 1

Host : Mouse

Modifications : Unmodified

Products Images

Western blot detection of S100A4 in Hela and A549 cell lysates using S100A4 mouse mAb(dilution 1:500).Predicted band size:12kDa.Observed band size:12kDa.