



S100A4 (ABT-S100A4) mouse mAb

Catalog No	BYab-15298
Isotype	IgG
Reactivity	Human
Applications	IHC;IF
Gene Name	S100A4 CAPL MTS1
Protein Name	Protein S100-A4 (Calvasculin) (Metastasin) (Placental calcium-binding protein) (Protein Mts1) (S100 calcium-binding protein A4)
Immunogen	Synthesized peptide derived from human S100A4
Specificity	This antibody detects endogenous levels of human S100A4. Heat-induced epitope retrieval (HIER) Citrate buffer of pH6.0 was highly recommended as antigen repair method in paraffin section
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Mouse, Monoclonal/IgG1, Kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:100-500. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Secreted . Nucleus . Cytoplasm .
Tissue Specificity	Ubiquitously expressed.
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.,
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.

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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],

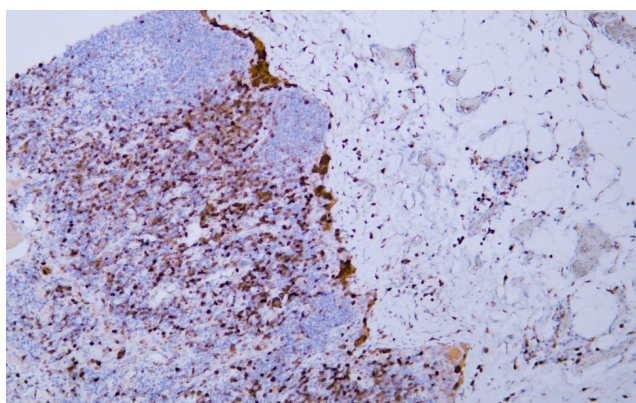
matters needing attention

Avoid repeated freezing and thawing!

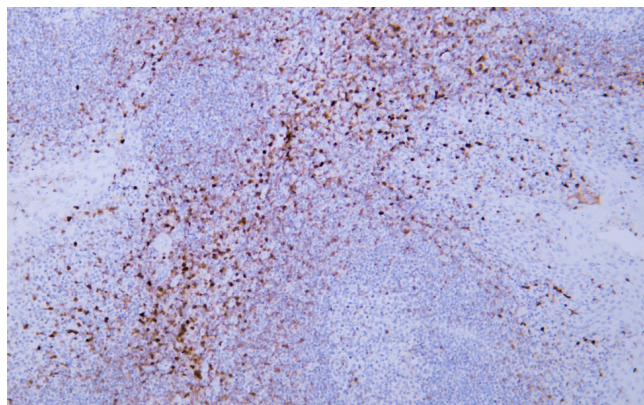
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Human malignant mesothelioma tissue was stained with Anti-S100A4 (ABT-S100A4) Antibody



Human tonsil tissue was stained with Anti-S100A4 (ABT-S100A4) Antibody