

Name: S100P mouse monoclonal antibody, clone UMAB24
Product Data Sheet - UltraMAB

Catalog: UM500024

Gene Name: Homo sapiens S100 calcium binding protein P (S100P)
GeneBank accession: NM_005980
Isotype: IgG1

Reactivity: Human
Test application: WB
Clone Name: Clone UMAB24

Gene Synonym: MIG9

Validation Data:

Guaranteed Applications: IHC, 10K-CHIP

Western Blot

Suggested Dilutions: WB 1:1000,

Immunogen: Full length human recombinant protein of human S100P(NP_005971) produced in HEK293T cell.

Components:

- S100P mouse monoclonal antibody, clone UMAB24 (UM500024)

Amount:

UM500024 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

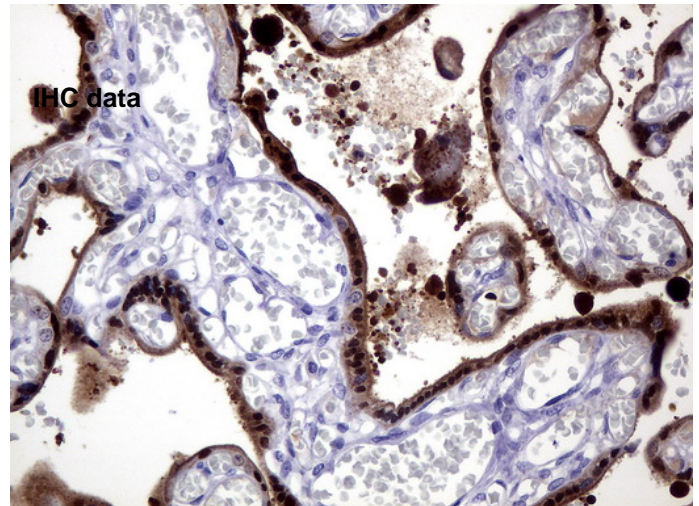
Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

Purified from mouse ascites fluids by affinity chromatography

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; however, this gene is located at 4p16. This protein, in addition to binding Ca²⁺, also binds Zn²⁺ and Mg²⁺. This protein may play a role in the etiology of prostate cancer. [provided by RefSeq].



Immunohistochemical staining of paraffin-embedded Human placenta tissue using anti-CDH2 mouse monoclonal antibody. (Clone UMAB23, Dilution 1:100)

Related Product:

TrueORF cDNA clones
VERIFY Tagged Antigen lysates
HuSH-29 shRNA
Western Blot reagents
Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

* More validation images may be available on our website:

<http://www.origene.com/antibody/UM500024.aspx>

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.