

Anti-S100 [S1-61] mAb

Catalogue number: 151402

Sub-type: Primary antibody

Images:

Contributor

Inventor: Jacqueline Cordell

Institute: University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-S100 [S1-61] mAb

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: S-100 protein is an acidic protein antigen present on certain cells and useful as a marker in anatomic pathology. The name is derived from the fact that the protein is 100% soluble in ammonium sulfate at neutral pH. The protein binds calcium and is structurally similar to calmodulin. The function of S-100 is unknown. S-100 is normally present in cells derived from the neural crest (Schwann cells, melanocytes, and glial cells), chondrocytes, adipocytes, myoepithelial cells, macrophages, Lang...

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: S-100 protein conjugated to methylated BSA

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: S100

Target alternate names:

Target background: S-100 protein is an acidic protein antigen present on certain cells and useful as a marker in anatomic pathology. The name is derived from the fact that the protein is 100% soluble in ammonium sulfate at neutral pH. The protein binds calcium and is structurally similar to calmodulin. The function of S-100 is unknown. S-100 is normally present in cells derived from the neural crest (Schwann cells, melanocytes, and glial cells), chondrocytes, adipocytes, myoepithelial cells, macrophages, Lang...

Molecular weight:

Ic50:

Applications

Application: IHC

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Li et al. 2017. J Exp Clin Cancer Res. 36(1):58. PMID: 28427443. ; Benserazide, a dopadecarboxylase inhibitor, suppresses tumor growth by targeting hexokinase 2. ; Wang et al. 2016. Am J Cancer Res. 6(6):1331-44. PMID: 27429847. ; EMMPRIN, SP1 and microRNA-27a mediate physcion 8-O- β -glucopyranoside-induced apoptosis in osteosarcoma cells. ; Zhang et al. 2016. J Med Chem. 59(7):3562-8. PMID: 27006991. ; Unexpected Discovery of Dichloroacetate Derived Adenosine Triphosphate Competitors Targeting Pyruvate Dehydrogenase Kinase To Inhibit Cancer Proliferation. ; Garrido et al. 1992. J Clin Pathol. 45(10):860-5. PMID: 1430255. ; Monoclonal antibody JC1: new reagent for studying cell proliferation.

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